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# 1963

## CENSUS OF MANUFACTURES



IV  
INDEXES OF  
PRODUCTION











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# 1963 CENSUS OF MANUFACTURES

Volume IV

## Indexes of Production



U.S. DEPARTMENT OF COMMERCE  
Bureau of the Census



BOARD OF GOVERNORS OF THE  
FEDERAL RESERVE SYSTEM

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## **ACKNOWLEDGMENTS**

The production indexes derived from the 1963, 1958, and 1954 censuses of manufactures were the product of joint efforts by the staffs of the Bureau of the Census and the Board of Governors of the Federal Reserve System. **Maxwell R. Conklin**, Associate Director of the Bureau of the Census and **Clayton Gehman**, Chief, Business Conditions Section, Division of Research and Statistics of the Board of Governors were in general charge of the production index work. The 1963, 1958, and 1954 censuses which provided the principal source data for the indexes were conducted under Mr. Conklin's direction as Chief of the Industry Division until June 1967 and after that time under the guidance of his successor in that position, **Owen C. Gretton**.

Preparation and review of the 1954-1958 data were carried out principally by **Vivian Eberle Spencer**, assisted by **Frank W. Roy** of the Census Bureau. **Cornelia Motheral** of the Board of Governors participated in the review of data and methods. Preparation and review of the 1958-1963 data were carried out by Mrs. Motheral and **Edward D. Gruen** of the Census Bureau, assisted by **David H. Mudarri** of the Board of Governors. Chapter I was prepared by Mr. Gehman, chapter by Mrs. Motheral, and the text and material for appendix A by Mr. Gruen.

The development of computer specifications applied to derivation of industry production indexes for the first time was carried out by **Louis J. Owen**, Assistant Chief for Production and Process Statistics of the Industry Division. Mr. Owen translated the needs of the subject matter specialists on the index project into appropriate computer programs. Programming for product indexes and deflators was done at the Board by **Rose Cassedy** and **Helen Dunn Cunney**.

Within the Industry Division, all of the Industry Sections participated in the selection and review of the group and individual indexes. In that work the program responsibility was under the general direction of **Willis K. Jordan**, Food, Textiles, and Apparel; **Cyril M. Wildes**, Lumber, Paper, and Chemicals; and **Paul F. Berard**, Metals, Machinery and Equipment. The preparation of the manuscript for printing was the responsibility of **Angela R. Daly** of the Industry Division.

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# 1963 CENSUS OF MANUFACTURES

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## CHANGE SHEET

### VOLUME IV, INDEXES OF PRODUCTION

Revised Pages 17, 18, 28, and 29

For the apparel and textile industries in which jobbing and contracting are significant, special correction factors for the value-added ratio were devised based on the relationship of cost of contract work to contract receipts in each year. These special correction factors were used in the computation of all the indexes presented at the 2- and 3-digit level that involved the affected industries, but they were inadvertently omitted from the 1963 indexes shown at the 4-digit level. In recognition of this, the accompanying sheets have been prepared to replace pages 17, 18 (table 3), 28, and 29 (table 5) of the bound volume.

On pages 17 and 18 the revisions appear only in the first three columns where the 1963 indexes of production with value-added weights are shown. On pages 28 and 29 the revisions apply only to the 13th or next-to-last righthand column where the 1963 index of value added per unit of output appears.

The list of industries affected by these revisions is as follows:

2231, 2253, 2254, 2256, 2259, 2261, 2262, 2269,  
and 2282  
2311, 2321, 2322, 2323, 2327, 2328, 2329, 2331,  
2335, 2337, 2339, 2341, 2342, 2361, 2363, 2369,  
2381, 2384, 2385, 2386, 2387, 2389

September 1968





# 1983 BULLETIN OF THE MUSEUM OF NATURAL HISTORY

The Museum of Natural History, University of Kansas, Lawrence, Kansas, is pleased to announce the publication of the 1983 Bulletin. This year's issue contains a variety of articles on the history and current status of the Museum, as well as reports on recent fieldwork and collections. The Bulletin is a valuable source of information for those interested in the history and current status of the Museum, as well as for those interested in the history and current status of the Museum.

TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
20	Food and kindred products--Continued										
205	Bakery products.....	108.8	108.7	108.9	89.9	89.9	89.9	3,031	2,633	2,633	2,069
2051	Bread and related products.....	106.5	106.4	106.6	89.8	89.8	89.9	2,404	2,111	2,111	1,637
2052	Biscuit, crackers, and cookies.....	118.1	118.1	118.2	90.7	90.0	90.4	627	522	522	432
206	Sugar.....	127.9	127.5	128.4	90.5	90.8	90.2	591	383	337	265
2061	Raw cane sugar.....	168.6	169.1	168.0	98.7	98.7	98.6	136	68	22	18
2062	Cane sugar refining.....	106.7	106.6	106.8	92.9	92.9	93.0	254	185	185	133
2063	Beet sugar.....	138.7	138.9	138.4	86.2	86.4	86.0	201	130	130	114
207	Candy and related products.....	116.3	116.6	116.0	90.2	90.7	89.5	956	752	749	613
2071	Confectionery products.....	115.6	115.3	116.0	86.2	86.2	86.2	635	512	512	435
2072	Chocolate and cocoa products.....	129.6	128.8	130.6	95.5	96.2	94.5	185	135	135	86
2073	Chewing gum.....	103.3	108.4	97.2	104.7	105.9	103.2	136	105	102	92
208	Beverages.....	119.8	119.2	120.4	89.4	89.5	89.4	3,725	2,841	2,836	2,471
2082	Malt liquors.....	114.0	113.5	114.6	95.9	95.8	95.9	1,286	1,115	1,115	1,106
2083	Malt.....	93.5	93.5	93.5	102.4	102.4	102.5	44	55	55	50
2084	Wines and brandy.....	127.3	127.4	127.1	68.7	69.5	68.1	137	114	114	100
2085	Distilled liquor, except brandy.....	120.9	120.6	121.2	78.3	78.6	78.0	624	445	445	338
2086	Bottled and canned soft drinks.....	118.1	116.8	119.7	88.3	88.0	88.7	1,234	862	845	654
2087	Flavorings.....	150.9	151.8	149.9	91.2	91.8	90.6	400	249	262	222
209	Miscellaneous foods and kindred products..	122.4	121.9	123.0	84.4	84.9	83.8	2,406	1,863	1,859	1,553
2091	Cottonseed oil mills.....	125.7	125.8	125.5	127.4	128.2	126.7	101	64	64	112
2092	Soybean oil mills.....	126.3	125.4	127.2	63.9	65.6	62.5	152	140	140	99
2093	Vegetable oil mills, n.e.c.....	84.7	88.3	80.5	130.0	128.9	131.4	43	42	42	49
2094	Animal and marine fats and oils.....	142.5	144.0	141.1	83.5	83.8	83.2	193	152	127	98
2095	Roasted coffee.....	123.8	125.3	122.2	117.9	119.0	116.4	616	461	24	22
2096	Shortening and cooking oils.....	124.8	124.9	124.7	85.8	85.7	85.8	265	222	222	232
2097	Manufactured ice.....	70.8	70.8	70.7	132.6	132.8	132.5	90	108	108	124
2098	Macaroni and spaghetti.....	115.2	115.1	115.3	86.7	86.9	86.4	96	67	67	53
2099	Food preparations, n.e.c.....	127.9	125.8	130.3	76.6	77.3	76.9	850	608	1,066	765
21	Tobacco manufactures.....	114.5	114.0	115.0	86.6	88.3	84.7	1,681	1,413	1,413	1,004
2111	Cigarettes.....	121.0	120.9	121.1	80.3	82.6	77.6	1,310	1,059	1,059	677
2121	Cigars.....	102.3	102.2	102.3	93.1	93.1	93.1	193	183	183	168
2131	Chewing and smoking tobacco.....	68.5	68.1	69.0	108.8	108.8	108.8	74	86	86	80
2141	Tobacco stemming and redrying.....	112.6	111.4	113.8	129.5	127.2	132.6	103	86	86	79
22	Textile mill products.....	125.4	124.6	126.1	91.3	92.0	90.7	6,123	4,859	4,858	4,566
2211	Weaving mills, cotton.....	111.1	111.1	111.2	101.1	101.9	100.5	1,257	1,075	1,079	1,135
2221	Weaving mills, synthetics.....	143.8	143.6	143.9	83.9	84.2	83.6	662	469	469	409
2231	Weaving, finishing mills, wool.....	106.8	105.7	107.8	104.8	105.8	103.7	387	337	337	342
2241	Narrow fabric mills.....	118.5	117.0	120.1	91.2	91.5	90.9	172	143	143	124
225	Knitting mills.....	131.0	131.3	130.7	83.7	83.2	84.1	1,396	1,105	1,101	940
2251	Full-fashioned hosiery mills.....	122.5	122.1	122.9	121.3	120.5	121.9	488	464	173	271
2252	Seamless hosiery mills.....				70.7	72.0	69.5			291	203
2253	Knit outerwear mills.....	130.1	130.9	129.2	72.5	72.6	72.3	464	334	340	236
2254	Knit underwear mills.....	112.2	112.3	112.2	92.2	92.6	91.8	171	146	136	105
2256	Knit fabric mills.....	177.2	177.5	177.0	75.1	75.2	74.9	253	147	147	112
2259	Knitting mills, n.e.c.....	133.6	136.3	130.9	104.3	105.1	103.3	20	15	15	13
226	Textile finishing, except wool.....	119.8	120.6	118.9	98.1	98.5	97.7	582	456	456	462
2261	Finishing plants, cotton.....	106.9	108.5	105.4	94.0	94.1	93.9	332	289	289	277
2262	Finishing plants, synthetic.....	145.3	145.1	145.4	104.9	105.8	104.1	177	115	115	127
2269	Finishing plants, n.e.c.....	134.8	133.9	135.8	105.4	107.1	103.9	73	52	52	59
227	Floor covering mills.....	166.7	157.7	165.5	75.9	80.2	72.2	395	260	260	222
2271	Woven carpets and rugs.....	92.5	91.8	93.3	110.8	113.2	108.4	120	128	128	142
2272	Tufted carpets and rugs.....	272.8	273.4	272.3	39.8	40.0	39.7	259	109	109	61
2279	Carpets and rugs, n.e.c.....	63.2	62.8	63.7	84.9	85.4	84.3	16	23	23	18
228	Yarn and thread mills.....	130.7	128.4	132.9	82.8	84.2	81.6	652	514	514	456
2281	Yarn mills, except wool.....	128.6	128.0	129.2	82.5	82.6	82.4	363	291	292	246
2282	Throwing and winding mills.....	144.6	135.5	152.8	75.8	81.6	71.2	94	68	68	67
2283	Wool yarn mills.....	150.3	149.5	151.0	78.0	77.8	78.2	120	91	91	80
2284	Thread mills.....	101.9	101.1	102.8	101.5	103.8	99.2	76	65	63	62

See footnotes at end of table.

**TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued**

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
22	Textile mill products--Continued										
229	Miscellaneous textile goods.....	124.1	123.2	124.9	96.2	96.5	96.0	620	499	499	476
2291	Felt goods, n.e.c.....	137.8	138.8	136.8	107.3	109.1	105.3	59	44	44	43
2292	Lace goods.....	73.3	73.2	73.4	88.3	88.3	88.3	31	34	34	38
2293	Padding and upholstery filling.....	112.8	111.9	113.8	105.1	104.3	105.9	66	57	57	63
2294	Processed textile waste.....	103.5	102.4	104.6	122.3	120.6	124.3	31	31	31	32
2295	Coated fabric, not rubberized.....	177.4	176.8	178.0	88.0	88.6	87.4	179	100	100	80
2296	Tire cord and fabric.....	99.9	99.5	100.3	90.9	91.0	90.7	72	70	70	69
2297	Scouring and combing plants.....	123.6	124.6	122.5	102.2	97.9	107.2	45	36	36	34
2298	Cordage and twine.....	106.4	103.9	108.6	106.9	108.7	105.1	58	65	65	74
2299	Textile goods, n.e.c.....	125.0	124.8	125.3	76.9	77.6	76.3	79	61	61	45
23	Apparel and related products.....	122.5	122.3	122.7	91.8	92.3	91.3	7,861	5,994	6,004	5,222
2311	Men's and boys' suits and coats.....	112.3	112.1	112.5	91.9	92.0	91.7	832	643	643	527
232	Men's and boys' furnishings.....	128.8	128.5	129.0	92.2	92.4	91.9	1,618	1,127	1,137	969
2321	Men's dress shirts and nightwear.....	124.3	124.1	124.6	95.3	95.3	95.3	599	422	422	370
2322	Men's and boys' underwear.....	130.7	130.4	131.0	68.8	69.0	68.6	63	42	52	31
2323	Men's and boys' neckwear.....	122.6	123.0	122.1	113.4	113.6	113.2	58	49	49	50
2327	Separate trousers.....	169.0	169.0	169.1	89.0	89.8	88.2	383	209	209	180
2328	Work clothing.....	111.7	111.8	111.6	94.4	94.3	94.5	331	255	255	217
2329	Men's and boys' clothing, n.e.c.....	116.5	116.2	116.8	85.4	86.1	84.7	183	150	150	120
233	Women's and misses' outerwear.....	123.2	123.2	123.3	93.3	93.4	93.2	2,460	1,914	1,914	1,696
2331	Blouses.....	136.4	136.1	136.6	88.4	88.2	88.5	301	200	200	172
2335	Dresses.....	118.6	118.5	118.6	95.7	95.7	95.6	1,181	971	971	836
2337	Women's suits, coats, and skirts.....	115.7	115.2	116.2	101.8	102.0	101.6	638	515	515	532
2339	Women's outerwear, n.e.c.....	148.7	149.3	148.1	68.4	68.4	68.3	340	228	228	156
234	Women's and children's underwear.....	120.3	120.4	120.2	91.9	92.2	91.7	741	596	596	509
2341	Women's and children's underwear.....	118.4	117.4	118.6	88.5	88.7	88.3	431	348	348	295
2342	Corsets and allied garments.....	122.8	123.3	122.4	97.0	96.9	97.1	310	249	249	213
235	Millinery, hats, and caps.....	93.2	91.8	94.6	98.4	99.0	97.8	185	200	200	191
2351	Millinery.....	86.5	84.3	88.8	88.2	87.9	88.5	93	109	109	102
2352	Hats and caps.....	101.3	101.0	101.6	111.8	112.2	111.3	92	91	91	90
236	Children's outerwear.....	115.8	115.6	116.0	82.1	82.5	81.6	467	381	381	320
2361	Children's dresses and blouses.....	110.9	111.1	110.7	82.5	82.8	82.2	206	167	167	133
2363	Children's coats and suits.....	109.2	109.2	109.0	102.5	102.7	102.4	73	68	68	72
2369	Children's outerwear, n.e.c.....	124.7	124.0	125.4	72.4	72.8	71.9	188	146	146	116
2371	Fur goods.....	117.6	117.6	117.5	85.2	85.5	84.9	111	95	95	76
238	Miscellaneous apparel.....	118.4	118.0	118.9	97.3	100.7	93.5	377	306	306	270
2381	Fabric dress and work gloves.....	121.8	121.5	122.1	105.4	105.5	105.3	68	54	54	47
2384	Robes and dressing gowns.....	110.3	110.3	110.3	84.2	91.3	77.2	69	56	56	43
2385	Waterproof outer garments.....	143.1	143.1	143.1	77.2	81.9	72.8	111	73	73	59
2386	Leather and sheepskin clothing.....	83.1	82.1	84.0	97.3	92.1	103.6	23	28	28	24
2387	Apparel belts.....	108.5	106.0	111.1	134.7	136.7	132.2	62	54	54	60
2389	Apparel, n.e.c.....	118.1	119.5	116.9	97.6	99.5	95.6	43	41	41	36
239	Fabricated textiles, n.e.c.....	135.0	134.4	135.7	89.7	90.6	89.0	1,071	731	731	664
2391	Curtains and draperies.....	151.8	154.8	149.0	79.1	79.5	78.7	132	87	87	64
2392	Housefurnishings, n.e.c.....	117.2	116.0	118.6	84.9	84.7	85.1	286	218	218	179
2393	Textile bags.....	86.7	86.8	86.7	126.5	127.5	125.4	57	52	52	55
2394	Canvas products.....	127.3	126.6	128.1	106.6	106.3	106.8	74	54	54	65
2395	Pleating and stitching.....	158.4	153.0	164.0				95	60		
2396	Apparel findings.....	163.3	162.1	164.8	98.0	99.9	96.1	228	118	178	182
2397	Schiffli machine embroideries.....	134.4	141.9	127.8	81.7	82.0	81.3	55	44	44	35
2399	Textile products, n.e.c.....	143.9	144.5	143.3	71.6	72.0	71.3	145	98	98	85
24	Lumber and wood products.....	122.5	121.3	123.7	97.8	98.2	97.4	4,021	3,204	3,177	3,264
2411	Logging camps and contractors.....	139.1	139.0	139.1	92.6	92.0	93.1	520	387	387	393
242	Sawmills and planing mills.....	107.2	106.8	107.7	109.2	109.2	109.2	1,573	1,341	1,341	1,563
2421	Sawmills and planing mills.....	104.8	104.5	105.3	109.5	109.4	109.5	1,376	1,195	1,195	1,403
2426	Hardwood dimension and flooring.....	131.7	131.0	132.4	110.0	109.6	110.4	155	110	110	125
2429	Special product sawmills, n.e.c.....	112.6	111.8	113.4	97.3	99.7	95.0	41	36	36	35
243	Millwork and related products.....	137.5	135.7	139.3	82.4	83.4	81.6	1,240	925	925	795
2431	Millwork plants.....	120.7	120.2	121.1	99.1	99.5	98.8	524	413	413	409
2432	Veneer and plywood plants.....	160.8	159.2	162.3	67.7	68.5	67.0	559	390	390	295
2433	Prefabricated wood products.....	125.3	123.6	127.2	76.1	76.5	75.7	157	122	122	91

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
20	Food and kindred products--Continued														
205	Bakery products.....	109.4	89.4	108.0	89.6	108.0	89.8	108.1	89.5	108.7	89.9	101.9	92.5	105.8	87.4
2051	Bread and related products.....	107.4	88.8	106.5	89.5	106.7	89.9	106.1	89.4	(NA)	(NA)	102.3	91.9	106.9	86.4
2052	Biscuit, crackers, and cookies.....	117.5	91.8	116.5	89.8	116.9	90.1	116.7	89.8	(NA)	(NA)	100.1	95.1	101.6	91.6
206	Sugar.....	121.5	91.6	130.1	91.0	126.3	91.0	131.0	91.0	136.1	90.1	120.8	93.8	120.5	86.8
2061	Raw cane sugar.....	168.1	99.4	168.6	98.3	168.4	98.7	168.7	98.1	(NA)	(NA)	130.2	93.0	118.7	81.8
2062	Cane sugar refining.....	107.0	92.9	106.7	92.9	106.7	92.9	106.7	92.9	(NA)	(NA)	122.8	93.5	129.0	77.6
2063	Beet sugar.....	137.4	86.7	138.6	86.2	138.6	86.2	138.6	86.2	(NA)	(NA)	111.5	94.7	111.0	101.2
207	Candy and related products.....	118.2	90.4	117.8	88.1	117.4	88.2	117.8	88.2	119.0	90.3	98.7	97.9	109.4	90.7
2071	Confectionery products.....	115.5	86.9	117.4	86.0	116.8	85.8	117.1	86.1	(NA)	(NA)	102.8	98.0	107.3	98.5
2072	Chocolate and cocoa products.....	130.7	94.3	130.6	96.7	130.7	95.6	130.9	96.6	(NA)	(NA)	83.2	102.8	105.4	65.8
2073	Chewing gum.....	109.7	106.0	104.1	103.7	103.1	102.8	105.3	105.5	(NA)	(NA)	111.6	85.3	126.3	86.2
208	Beverages.....	119.3	89.4	118.1	89.9	117.7	90.6	117.8	89.8	115.2	91.2	107.3	96.2	109.4	97.5
2082	Malt liquors.....	114.6	96.0	114.1	95.9	114.0	95.9	114.1	95.9	(NA)	(NA)	101.9	98.3	101.2	103.5
2083	Malt.....	91.3	102.4	93.5	102.4	93.5	102.4	93.5	102.4	(NA)	(NA)	100.0	104.1	85.4	89.2
2084	Wines and brandy.....	126.3	69.0	126.7	68.5	127.3	68.6	126.1	68.4	(NA)	(NA)	107.9	98.0	94.4	128.0
2085	Distilled liquor, except brandy.....	118.6	78.9	118.5	79.6	118.6	79.4	118.7	79.7	(NA)	(NA)	99.3	99.2	116.2	97.2
2086	Bottled and canned soft drinks.....	118.7	89.2	118.1	88.7	118.0	88.7	118.3	88.7	(NA)	(NA)	120.2	88.7	120.8	82.6
2087	Flavorings.....	149.7	89.8	150.9	92.6	153.2	92.3	147.0	92.4	(NA)	(NA)	105.1	100.0	106.5	92.9
209	Miscellaneous foods and kindred products.....	121.8	81.9	123.4	88.7	123.8	87.1	124.0	89.5	109.0	101.3	92.4	113.8	105.4	99.1
2091	Cottonseed oil mills.....	127.5	123.8	125.2	128.9	125.7	128.0	125.5	129.4	(NA)	(NA)	107.3	117.0	126.2	137.7
2092	Soybean oil mills.....	127.2	59.5	124.2	62.6	126.3	63.2	123.8	62.1	(NA)	(NA)	107.4	126.6	86.2	111.7
2093	Vegetable oil mills, n.e.c.....	83.8	129.4	80.9	128.5	83.3	130.5	85.1	129.2	(NA)	(NA)	90.1	110.7	119.9	89.4
2094	Animal and marine fats and oils.....	137.0	88.3	143.0	84.3	142.3	83.0	144.7	84.2	(NA)	(NA)	88.3	90.0	89.6	92.2
2095	Roasted coffee.....	117.8	117.5	131.5	116.7	127.7	120.1	134.5	114.9	(NA)	(NA)	78.7	96.7	108.1	77.2
2096	Shortening and cooking oils.....	125.1	87.4	125.4	85.1	123.9	85.0	126.7	86.4	(NA)	(NA)	85.4	108.7	95.6	122.5
2097	Manufactured ice.....	70.5	132.6	70.8	132.6	70.8	132.6	70.8	132.6	(NA)	(NA)	116.2	172.1	118.5	86.8
2098	Macaroni and spaghetti.....	113.7	85.8	115.2	86.7	115.3	86.7	114.9	86.5	(NA)	(NA)	108.1	100.1	124.1	90.4
2099	Food preparations, n.e.c.....	129.4	75.5	135.2	77.3	134.0	77.1	133.7	77.7	(NA)	(NA)	99.3	117.1	108.9	93.7
21	Tobacco manufactures.....	114.4	92.8	110.2	95.4	111.3	93.1	110.6	94.9	114.2	92.2	102.2	94.0	103.8	82.3
2111	Cigarettes.....	120.9	80.1	123.5	80.0	123.0	80.3	122.7	79.9	(NA)	80.6	101.6	95.3	102.3	80.1
2121	Cigars.....	103.2	94.1	102.4	93.1	102.4	93.1	102.5	93.1	(NA)	93.1	97.7	102.5	103.0	98.7
2131	Chewing and smoking tobacco.....	68.7	111.0	68.1	109.2	68.1	108.9	68.1	109.3	(NA)	108.8	116.0	84.2	125.4	84.9
2141	Tobacco stemming and redrying.....	113.1	114.3	112.6	133.5	112.5	129.5	112.7	132.8	(NA)	130.5	102.9	90.9	107.1	71.7
22	Textile mill products.....	128.2	91.3	121.1	92.3	122.4	92.4	121.2	92.5	121.1	94.2	99.7	104.0	100.4	103.0
2211	Weaving mills, cotton.....	111.1	102.1	110.5	101.7	110.8	101.3	110.6	101.6	(NA)	101.2	102.7	102.8	105.2	104.1
2221	Weaving mills, synthetics.....	142.2	84.9	143.7	85.7	143.9	84.5	143.4	86.3	(NA)	(NA)	99.9	109.5	98.2	104.0
2231	Weaving, finishing mills, wool.....	106.1	104.6	106.4	103.5	106.2	104.4	106.5	103.0	(NA)	(NA)	104.1	105.3	107.5	97.1
2241	Narrow fabric mills.....	120.5	91.4	118.0	91.3	118.3	91.5	118.0	91.2	(NA)	(NA)	96.0	95.6	101.9	95.3
225	Knitting mills.....	133.3	83.5	124.2	85.3	128.9	84.9	125.0	84.9	144.6	86.0	97.0	103.1	96.4	102.0
2251	Full-fashioned hosiery mills.....	118.4	124.4	115.0	122.8	120.7	122.9	116.0	121.5	(NA)	(NA)	95.7	122.8	86.0	129.0
2252	Seamless hosiery mills.....		74.0		74.1		71.6		73.1	(NA)	(NA)		98.6		99.0
2253	Knit outerwear mills.....	128.7	72.2	129.9	73.1	129.2	72.8	128.9	73.2	(NA)	(NA)	99.9	98.5	106.8	96.1
2254	Knit underwear mills.....	113.9	91.7	115.1	92.6	114.8	92.9	115.1	92.7	(NA)	(NA)	102.6	94.8	104.5	83.8
2256	Knit fabric mills.....	183.4	75.1	182.7	75.0	182.7	75.2	182.7	75.2	(NA)	(NA)	92.3	103.8	96.8	100.9
2259	Knitting mills, n.e.c.....	135.0	102.4	138.7	104.2	138.9	104.2	138.8	104.2	(NA)	(NA)	99.4	91.2	104.9	86.0
226	Textile finishing, except wool.....	136.6	97.4	113.2	98.8	113.0	99.0	112.9	98.6	119.3	98.5	96.9	97.3	106.7	103.3
2261	Finishing plants, cotton.....	131.8	93.7	119.9	94.9	117.4	95.0	118.5	94.8	(NA)	(NA)	95.4	95.5	107.6	101.7
2262	Finishing plants, synthetic.....	154.8	102.8	152.1	106.6	150.0	106.2	151.0	106.1	(NA)	(NA)	100.5	100.8	106.0	105.6
2269	Finishing plants, n.e.c.....	132.9	105.8	131.7	106.4	131.6	106.5	131.7	106.4	(NA)	(NA)	98.3	99.5	104.2	106.6
227	Floor covering mills.....	171.1	75.6	146.4	77.9	137.9	79.9	147.5	77.7	143.9	82.6	95.7	109.5	93.3	112.9
2271	Woven carpets and rugs.....	93.0	111.9	94.9	112.0	91.5	112.2	95.0	111.7	(NA)	(NA)	103.2	99.6	101.0	99.9
2272	Tufted carpets and rugs.....	277.1	40.0	267.5	40.0	267.8	40.2	267.7	40.0	(NA)	(NA)	91.6	127.1	87.2	141.4
2279	Carpets and rugs, n.e.c.....	61.5	86.1	64.3	84.9	63.3	85.0	64.1	84.8	(NA)	(NA)	90.0	102.7	106.5	93.3
228	Yarn and thread mills.....	135.9	82.0	125.9	84.2	127.0	83.9	126.3	84.2	129.3	83.0	100.0	107.9	96.9	107.2
2281	Yarn mills, except wool.....	130.1	82.4	124.9	82.6	126.5	82.6	125.2	82.6	(NA)	(NA)	96.8	104.1	97.1	102.0
2282	Throwing and winding mills.....	174.9	66.5	159.7	83.8	159.0	81.6	159.3	84.8	(NA)	(NA)	104.9	111.5	94.7	131.6
2283	Wool yarn mills.....	150.6	77.9	150.2	79.0	149.7	78.4	150.6	79.0	(NA)	(NA)	103.2	118.9	87.2	112.4
2284	Thread mills.....	102.1	103.3	99.3	103.6	100.3	103.5	99.5	103.4	(NA)	(NA)	106.1	106.5	114.8	97.7

See footnotes at end of table.

TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
22	Textile mill products--Continued														
229	Miscellaneous textile goods.....	121.1	96.2	118.5	96.2	122.7	96.1	117.6	96.7	115.3	94.9	101.6	106.4	100.0	99.0
2291	Felt goods, n.e.c.....	139.9	111.7	140.7	107.0	140.4	107.2	139.2	107.0	(NA)	(NA)	101.1	95.4	95.8	89.4
2292	Lace goods.....	73.2	88.3	73.3	88.3	73.3	88.3	73.3	88.3	(NA)	(NA)	118.7	114.2	125.3	124.2
2293	Padding and upholstery filling.....	111.9	105.1	112.6	105.2	112.6	105.1	111.9	105.2	(NA)	(NA)	100.1	106.2	101.4	104.0
2294	Processed textile waste.....	101.3	122.4	103.5	122.4	103.5	122.3	103.5	122.5	(NA)	(NA)	94.2	85.8	96.2	84.7
2295	Coated fabric, not rubberized.....	174.0	88.6	179.1	88.0	177.1	88.6	177.6	89.2	(NA)	(NA)	101.1	97.8	100.6	90.4
2296	Tire cord and fabric.....	101.7	91.5	99.5	90.5	99.6	90.7	99.2	90.5	(NA)	(NA)	99.5	109.2	103.6	108.0
2297	Scouring and combing plants.....	123.3	102.1	123.9	102.7	123.5	102.6	123.8	102.7	(NA)	(NA)	115.3	114.3	101.9	90.7
2298	Cordage and twine.....	104.9	105.7	106.8	106.1	106.0	106.4	106.6	105.9	(NA)	(NA)	99.6	107.0	83.2	105.6
2299	Textile goods, n.e.c.....	126.2	76.5	127.4	77.3	125.9	77.1	127.9	77.5	(NA)	(NA)	101.3	102.1	103.5	97.3
23	Apparel and related products.....	123.4	91.4	121.6	91.2	121.2	92.0	121.8	90.7	123.6	90.7	102.2	99.2	107.1	94.7
2311	Men's and boys' suits and coats.....	114.1	93.7	114.6	89.7	114.4	90.6	114.6	89.3	(NA)	91.9	104.3	96.6	115.3	89.4
232	Men's and boys' furnishings.....	128.8	91.0	126.9	92.3	127.8	92.3	126.9	92.0	130.3	89.0	104.1	97.5	111.4	92.4
2321	Men's dress shirts and nightwear.....	126.7	98.6	126.2	92.1	127.1	92.9	126.2	91.6	(NA)	(NA)	105.6	96.6	114.3	92.2
2322	Men's and boys' underwear.....	126.4	76.4	126.5	69.1	126.5	68.6	126.5	69.2	(NA)	(NA)	104.1	92.9	115.9	88.6
2323	Men's and boys' neckwear.....	121.1	113.4	120.9	113.4	120.9	113.4	120.9	113.4	(NA)	(NA)	98.0	93.0	96.9	89.4
2327	Separate trousers.....	182.1	86.5	181.7	89.6	181.8	89.6	181.5	89.6	(NA)	(NA)	100.0	102.8	108.4	97.1
2328	Work clothing.....	112.7	89.3	115.1	98.4	115.5	97.3	115.1	98.4	(NA)	(NA)	106.2	97.6	115.8	89.9
2329	Men's and boys' clothing, n.e.c.....	104.0	78.1	103.0	88.8	104.2	88.6	102.6	89.0	(NA)	(NA)	104.3	95.2	104.9	93.9
233	Women's and misses' outerwear.....	123.1	91.8	123.8	92.0	122.5	93.5	124.1	91.1	122.5	93.5	102.1	99.4	104.3	95.1
2331	Blouses.....	129.8	89.9	129.4	86.4	130.3	87.5	129.5	85.9	(NA)	(NA)	103.7	96.4	110.0	97.6
2335	Dresses.....	117.1	94.1	117.2	95.2	117.1	95.7	117.3	93.6	(NA)	(NA)	100.6	95.6	102.6	89.9
2337	Women's suits, coats, and skirts.....	119.7	99.0	121.7	100.5	120.4	101.6	122.0	100.0	(NA)	(NA)	103.2	104.2	107.0	101.4
2339	Women's outerwear, n.e.c.....	149.0	66.8	150.0	70.6	149.3	69.8	150.1	70.6	(NA)	(NA)	103.5	106.6	100.7	100.5
234	Women's and children's underwear.....	121.5	89.7	118.3	92.1	118.4	92.8	118.3	91.8	120.0	91.7	100.8	102.0	103.3	92.8
2341	Women's and children's underwear.....	120.8	90.4	120.9	85.3	121.0	87.0	120.9	84.9	(NA)	(NA)	99.2	105.6	104.5	96.0
2342	Corsets and allied garments.....	122.7	88.3	122.4	106.5	122.1	103.0	122.5	107.8	(NA)	(NA)	103.4	95.7	101.6	88.5
235	Millinery, hats, and caps.....	93.0	99.1	94.0	99.1	93.5	98.8	94.2	98.9	94.3	99.0	100.0	97.5	99.0	97.0
2351	Millinery.....	86.5	88.4	86.6	88.2	86.5	88.2	86.6	88.2	(NA)	(NA)	99.4	104.4	98.9	105.6
2352	Hats and caps.....	100.4	111.9	101.6	111.4	101.1	111.8	101.7	111.1	(NA)	(NA)	100.5	90.7	99.1	88.0
236	Children's outerwear.....	120.3	83.1	110.6	80.1	110.5	81.8	110.6	79.7	115.9	79.4	101.2	107.4	105.6	102.5
2361	Children's dresses and blouses.....	120.4	84.7	120.4	79.9	120.3	81.3	120.5	79.3	(NA)	(NA)	103.7	101.3	111.0	96.7
2363	Children's coats and suits.....	100.7	97.4	100.1	103.5	100.6	103.7	100.0	103.4	(NA)	(NA)	98.7	108.8	97.7	103.0
2369	Children's outerwear, n.e.c.....	130.2	74.5	130.9	71.6	130.6	72.1	130.8	71.6	(NA)	(NA)	99.6	113.6	103.4	109.4
2371	Fur goods.....	115.8	85.8	117.8	85.2	118.2	85.2	117.8	85.2	(NA)	85.2	102.4	98.7	98.6	93.3
238	Miscellaneous apparel.....	123.5	97.4	114.9	98.7	114.7	98.1	114.8	98.8	118.7	99.0	101.1	93.1	103.9	90.8
2381	Fabric dress and work gloves.....	121.9	108.7	119.3	105.2	119.1	105.5	119.4	105.3	(NA)	(NA)	103.9	85.0	104.1	83.4
2384	Robes and dressing gowns.....	119.0	80.4	118.4	87.7	118.0	85.7	118.5	87.8	(NA)	(NA)	110.0	103.2	110.3	92.0
2385	Waterproof outer garments.....	157.2	80.4	157.1	76.1	157.1	76.5	157.1	76.1	(NA)	(NA)	102.1	103.7	106.5	105.2
2386	Leather and sheepskin clothing.....	84.7	97.1	83.3	98.8	83.6	97.7	83.4	98.6	(NA)	(NA)	101.2	89.7	101.0	86.6
2387	Apparel belts.....	113.7	135.0	112.2	140.5	112.1	139.1	112.3	140.9	(NA)	(NA)	95.4	84.0	106.5	83.0
2389	Apparel, n.e.c.....	116.4	100.8	118.2	97.9	118.5	98.1	118.4	97.9	(NA)	(NA)	88.7	89.5	88.7	90.7
239	Fabricated textiles, n.e.c.....	131.8	92.0	136.3	89.8	136.9	90.2	136.2	89.6	136.7	90.8	100.8	100.3	108.4	101.3
2391	Curtains and draperies.....	151.8	79.7	151.9	79.8	152.0	79.7	151.8	79.8	(NA)	(NA)	95.3	104.5	100.0	92.8
2392	Housefurnishings, n.e.c.....	115.3	86.4	119.4	84.1	119.7	85.2	119.7	84.1	(NA)	(NA)	100.8	98.9	111.5	96.3
2393	Textile bags.....	88.1	131.8	87.1	128.1	87.1	127.5	87.1	128.1	(NA)	(NA)	111.1	94.3	126.2	84.3
2394	Canvas products.....	124.7	109.8	127.6	106.6	127.6	106.6	127.5	106.6	(NA)	(NA)	101.4	102.4	107.4	113.9
2395	Pleating and stitching.....	163.4	96.1	159.0	97.6	159.2	97.1	158.8	97.8	(NA)	(NA)	101.9	97.0	99.4	104.5
2396	Apparel findings.....	164.2	163.6	163.6	163.6	163.6	163.6	163.6	163.6	(NA)	(NA)	101.5	118.1	118.1	118.1
2397	Schiffli machine embroideries.....	127.1	86.1	133.9	81.7	134.4	81.8	134.0	81.7	(NA)	(NA)	101.5	104.4	93.6	96.4
2399	Textile products, n.e.c.....	143.2	71.2	144.0	70.9	143.6	71.2	144.1	70.9	(NA)	(NA)	97.5	111.0	102.9	120.5
24	Lumber and wood products.....	121.9	98.9	119.9	100.3	122.0	98.4	120.1	100.3	120.6	99.4	100.3	98.8	102.4	105.0
2411	Logging camps and contractors.....	139.6	94.9	139.1	93.5	139.1	93.1	139.0	93.6	(NA)	(NA)	95.6	94.3	96.6	109.5
242	Sawmills and planing mills.....	107.7	110.8	105.5	109.5	107.4	109.3	105.9	109.8	106.9	(NA)	103.7	98.9	109.3	106.7
2421	Sawmills and planing mills.....	105.7	111.4	102.6	109.9	104.9	109.6	102.9	110.0	(NA)	(NA)	104.0	99.2	109.8	107.5
2426	Hardwood dimension and flooring.....	127.8	110.5	131.3	110.1	132.1	110.0	130.8	110.4	(NA)	(NA)	103.4	97.8	106.6	103.0
2429	Special product sawmills, n.e.c.....	112.9	97.1	112.5	97.1	112.7	97.3	112.2	97.1	(NA)	(NA)	96.4	92.2	101.7	100.7
243	Millwork and related products.....	135.3	82.7	136.5	84.6	136.9	83.5	137.7	84.0	146.6	76.9	98.9	101.0	97.3	104.3
2431	Millwork plants.....	118.1	97.9	121.0	99.3	121.4	99.6	120.9	99.3	(NA)	(NA)	102.7	99.4	105.2	100.1
2432	Veneer and plywood plants.....	160.2	67.1	157.4	71.9	158.9	68.6	157.1	72.2	(NA)	(NA)	94.3	105.8	89.0	111.9
2433	Prefabricated wood products.....	125.3	77.9	124.9	75.5	125.0	76.3	124.5	74.2	(NA)	(NA)	101.3	97.8	102.0	97.3

See footnotes at end of table.



# 1963 CENSUS OF MANUFACTURES

## CHANGE SHEET

### VOLUME IV, INDEXES OF PRODUCTION

#### Revised Pages 17, 18, 28, and 29

For the apparel and textile industries in which jobbing and contracting are significant, special correction factors were devised based on the relationship of cost of contract work to contract receipts in each year. These contract work correction factors were applied to the indexes using value-added, employment, payroll, and man-hour weights. In preparing copy for the volume, these correction factors were used in all the indexes presented at the 2- and 3-digit level that involved the affected industries, but they were inadvertently omitted from the 1963 indexes shown at the 4-digit level. In recognition of this, the accompanying sheets have been prepared to replace pages 17, 18 (table 3), 28, and 29 (table 5) of the bound volume.

On pages 17 and 18 the revisions appear only in the first three columns where the 1963 indexes of production with value-added weights are shown. On pages 28 and 29 the revisions apply to the 3rd, 5th and 7th columns where the 1963 indexes with employment, payroll, and man-hour weights are shown, and to the 13th or next-to-last righthand column where the 1963 index of value added per unit of output appears.

The list of industries affected by these revisions is as follows:

2231, 2253, 2254, 2256, 2259, 2261, 2262, 2269,  
and 2282  
2311, 2321, 2322, 2323, 2327, 2328, 2329, 2331,  
2335, 2337, 2339, 2341, 2342, 2361, 2363, 2369,  
2381, 2384, 2385, 2386, 2387, 2389

Note: This replaces the change sheet dated September 1968.

October 1968



U.S. DEPARTMENT OF COMMERCE C. R. Smith, Secretary  
William H. Chartener, Assistant Secretary for Economic Affairs  
BUREAU OF THE CENSUS A. Ross Eckler, Director



# 40 AUGUST 1981

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TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
20	Food and kindred products--Continued										
205	Bakery products.....	108.8	108.7	108.9	89.9	89.9	89.9	3,031	2,633	2,633	2,069
2051	Bread and related products.....	106.5	106.4	106.6	89.8	89.8	89.9	2,404	2,111	2,111	1,637
2052	Biscuit, crackers, and cookies.....	118.1	118.1	118.2	90.7	90.0	90.4	627	522	522	432
206	Sugar.....	127.9	127.5	128.4	90.5	90.8	90.2	591	383	337	265
2061	Raw cane sugar.....	168.6	169.1	168.0	98.7	98.7	98.6	136	68	22	18
2062	Cane sugar refining.....	106.7	106.6	106.8	92.9	92.9	93.0	254	185	185	133
2063	Beet sugar.....	138.7	138.9	138.4	86.2	86.4	86.0	201	130	130	114
207	Candy and related products.....	116.3	116.6	116.0	90.2	90.7	89.5	956	752	749	613
2071	Confectionery products.....	115.6	115.3	116.0	86.2	86.2	86.2	635	512	512	435
2072	Chocolate and cocoa products.....	129.6	128.8	130.6	95.5	96.2	94.5	185	135	135	86
2073	Chewing gum.....	103.3	108.4	97.2	104.7	105.9	103.2	136	105	102	92
208	Beverages.....	119.8	119.2	120.4	89.4	89.5	89.4	3,725	2,841	2,836	2,471
2082	Malt liquors.....	114.0	113.5	114.6	95.9	95.8	95.9	1,286	1,115	1,115	1,106
2083	Malt.....	93.5	93.5	93.5	102.4	102.4	102.5	44	55	55	50
2084	Wines and brandy.....	127.3	127.4	127.1	68.7	69.5	68.1	137	114	114	100
2085	Distilled liquor, except brandy.....	120.9	120.6	121.2	78.3	78.6	78.0	624	445	445	338
2086	Bottled and canned soft drinks.....	118.1	116.8	119.7	88.3	88.0	88.7	1,234	862	845	654
2087	Flavorings.....	150.9	151.8	149.9	91.2	91.8	90.6	400	249	262	222
209	Miscellaneous foods and kindred products..	122.4	121.9	123.0	84.4	84.9	83.8	2,406	1,863	1,859	1,553
2091	Cottonseed oil mills.....	125.7	125.8	125.5	127.4	128.2	126.7	101	64	64	112
2092	Soybean oil mills.....	126.3	125.4	127.2	63.9	65.6	62.5	152	140	140	99
2093	Vegetable oil mills, n.e.c.....	84.7	88.3	80.5	130.0	128.9	131.4	43	42	42	49
2094	Animal and marine fats and oils.....	142.5	144.0	141.1	83.5	83.8	83.2	193	152	127	98
2095	Roasted coffee.....	123.8	125.3	122.2	117.9	119.0	116.4	616	461	24	22
2096	Shortening and cooking oils.....	124.8	124.9	124.7	85.8	85.7	85.8	265	222	222	232
2097	Manufactured ice.....	70.8	70.8	70.7	132.6	132.8	132.5	90	108	108	124
2098	Macaroni and spaghetti.....	115.2	115.1	115.3	86.7	86.9	86.4	96	67	67	53
2099	Food preparations, n.e.c.....	127.9	125.8	130.3	76.6	77.3	76.9	850	608	1,066	765
21	Tobacco manufactures.....	114.5	114.0	115.0	86.6	88.3	84.7	1,681	1,413	1,413	1,004
2111	Cigarettes.....	121.0	120.9	121.1	80.3	82.6	77.6	1,310	1,059	1,059	677
2121	Cigars.....	102.3	102.2	102.3	93.1	93.1	93.1	193	183	183	168
2131	Chewing and smoking tobacco.....	68.5	68.1	69.0	108.8	108.8	108.8	74	86	86	80
2141	Tobacco stemming and redrying.....	112.6	111.4	113.8	129.5	127.2	132.6	103	86	86	79
22	Textile mill products.....	125.4	124.6	126.1	91.3	92.0	90.7	6,123	4,859	4,858	4,566
2211	Weaving mills, cotton.....	111.1	111.1	111.2	101.1	101.9	100.5	1,257	1,075	1,079	1,135
2221	Weaving mills, synthetics.....	143.8	143.6	143.9	83.9	84.2	83.6	662	469	469	409
2231	Weaving, finishing mills, wool.....	106.8	105.7	107.8	104.8	105.8	103.7	387	337	337	342
2241	Narrow fabric mills.....	118.5	117.0	120.1	91.2	91.5	90.9	172	143	143	124
225	Knitting mills.....	131.0	131.3	130.7	83.7	83.2	84.1	1,396	1,105	1,101	940
2251	Full-fashioned hosiery mills.....	122.5	122.1	122.9	121.3	120.5	121.9	488	464	173	271
2252	Seamless hosiery mills.....				70.7	72.0	69.5			291	203
2253	Knit outerwear mills.....				72.5	72.6	72.3			340	236
2254	Knit underwear mills.....	130.1	130.9	129.2	92.2	92.6	91.8	464	334	136	105
2256	Knit fabric mills.....	112.2	112.3	112.2	92.2	92.6	91.8	171	146	136	105
2257	Knit fabric mills.....	177.2	177.5	177.0	75.1	75.2	74.9	253	147	147	112
2259	Knitting mills, n.e.c.....	133.6	136.3	130.9	104.3	105.1	103.3	20	15	15	13
226	Textile finishing, except wool.....	119.8	120.6	118.9	98.1	98.5	97.7	582	456	456	462
2261	Finishing plants, cotton.....	106.9	108.5	105.4	94.0	94.1	93.9	332	289	289	277
2262	Finishing plants, synthetic.....	145.3	145.1	145.4	104.9	105.8	104.1	177	115	115	127
2269	Finishing plants, n.e.c.....	134.8	133.9	135.8	105.4	107.1	103.9	73	52	52	59
227	Floor covering mills.....	166.7	157.7	165.5	75.9	80.2	72.2	395	260	260	222
2271	Woven carpets and rugs.....	92.5	91.8	93.3	110.8	113.2	108.4	120	128	128	142
2272	Tufted carpets and rugs.....	272.8	273.4	272.3	39.8	40.0	39.7	259	109	109	61
2279	Carpets and rugs, n.e.c.....	63.2	62.8	63.7	84.9	85.4	84.3	16	23	23	18
228	Yarn and thread mills.....	130.7	128.4	132.9	82.8	84.2	81.6	652	514	514	456
2281	Yarn mills, except wool.....	128.6	128.0	129.2	82.5	82.6	82.4	363	291	292	246
2282	Throwing and winding mills.....	144.6	135.5	152.8	75.8	81.6	71.2	94	68	68	67
2283	Wool yarn mills.....	150.3	149.5	151.0	78.0	77.8	78.2	120	91	91	80
2284	Thread mills.....	101.9	101.1	102.8	101.5	103.8	99.2	76	65	63	62

See footnotes at end of table.

TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
22	Textile mill products--Continued										
229	Miscellaneous textile goods.....	124.1	123.2	124.9	96.2	96.5	96.0	620	499	499	476
2291	Felt goods, n.e.c.....	137.8	138.8	136.8	107.3	109.1	105.3	59	44	44	43
2292	Lace goods.....	73.3	73.2	73.4	88.3	88.3	88.3	31	34	34	38
2293	Padding and upholstery filling.....	112.8	111.9	113.8	105.1	104.3	105.9	66	57	57	63
2294	Processed textile waste.....	103.5	102.4	104.6	122.3	120.6	124.3	31	31	31	32
2295	Coated fabric, not rubberized.....	177.4	176.8	178.0	88.0	88.6	87.4	179	100	100	80
2296	Tire cord and fabric.....	99.9	99.5	100.3	90.9	91.0	90.7	72	70	70	69
2297	Scouring and combing plants.....	123.6	124.6	122.5	102.2	97.9	107.2	45	36	36	34
2298	Cordage and twine.....	106.4	103.9	108.6	106.9	108.7	105.1	58	65	65	74
2299	Textile goods, n.e.c.....	125.0	124.8	125.3	76.9	77.6	76.3	79	61	61	45
23	Apparel and related products.....	122.5	122.3	122.7	91.8	92.3	91.3	7,861	5,994	6,004	5,222
2311	Men's and boys' suits and coats.....	112.3	112.1	112.5	91.9	92.0	91.7	832	643	643	527
232	Men's and boys' furnishings.....	128.8	128.5	129.0	92.2	92.4	91.9	1,618	1,127	1,137	969
2321	Men's dress shirts and nightwear.....	124.3	124.1	124.6	95.3	95.3	95.3	599	422	422	370
2322	Men's and boys' underwear.....	130.7	130.4	131.0	68.8	69.0	68.6	63	42	42	31
2323	Men's and boys' neckwear.....	122.6	123.0	122.1	113.4	113.6	113.2	58	49	49	50
2327	Separate trousers.....	169.0	169.0	169.1	89.8	89.8	88.2	383	209	209	180
2328	Work clothing.....	111.7	111.8	111.6	94.4	94.3	94.5	331	255	255	217
2329	Men's and boys' clothing, n.e.c.....	116.5	116.2	116.8	85.4	86.1	84.7	183	150	150	120
233	Women's and misses' outerwear.....	123.2	123.2	123.3	93.3	93.4	93.2	2,460	1,914	1,914	1,696
2331	Blouses.....	136.4	136.1	136.6	88.4	88.2	88.5	301	200	200	172
2335	Dresses.....	118.6	118.5	118.6	95.7	95.7	95.6	1,181	971	971	836
2337	Women's suits, coats, and skirts.....	115.7	115.2	116.2	101.8	102.0	101.6	638	515	515	532
2339	Women's outerwear, n.e.c.....	148.7	149.3	148.1	68.4	68.4	68.3	340	228	228	156
234	Women's and children's underwear.....	120.3	120.4	120.2	91.9	92.2	91.7	741	596	596	509
2341	Women's and children's underwear.....	118.4	117.4	118.6	88.5	88.7	88.3	431	348	348	295
2342	Corsets and allied garments.....	122.8	123.3	122.4	97.0	96.9	97.1	310	249	249	213
235	Millinery, hats, and caps.....	93.2	91.8	94.6	98.4	99.0	97.8	185	200	200	191
2351	Millinery.....	86.5	84.3	88.8	88.2	87.9	88.5	93	109	109	102
2352	Hats and caps.....	101.3	101.0	101.6	111.8	112.2	111.3	92	91	91	90
236	Children's outerwear.....	115.8	115.6	116.0	82.1	82.5	81.6	467	381	381	320
2361	Children's dresses and blouses.....	110.9	111.1	110.7	82.5	82.8	82.2	206	167	167	133
2363	Children's coats and suits.....	109.2	109.2	109.0	102.5	102.7	102.4	73	68	68	72
2369	Children's outerwear, n.e.c.....	124.7	124.0	125.4	72.4	72.8	71.9	188	146	146	116
2371	Fur goods.....	117.6	117.6	117.5	85.2	85.5	84.9	111	95	95	76
238	Miscellaneous apparel.....	118.4	118.0	118.9	97.3	100.7	93.5	377	306	306	270
2381	Fabric dress and work gloves.....	121.8	121.5	122.1	105.4	105.5	105.3	68	54	54	47
2384	Robes and dressing gowns.....	110.3	110.3	110.3	84.2	91.3	77.2	69	56	56	43
2385	Waterproof outer garments.....	143.1	143.1	143.1	77.2	81.9	72.8	111	73	73	59
2386	Leather and sheep-lined clothing.....	83.1	82.1	84.0	97.3	92.1	103.6	23	28	28	24
2387	Apparel belts.....	108.5	106.0	111.1	134.7	136.7	132.2	62	54	54	60
2389	Apparel, n.e.c.....	118.1	119.5	116.9	97.6	99.5	95.6	43	41	41	36
239	Fabricated textiles, n.e.c.....	135.0	134.4	135.7	89.7	90.6	89.0	1,071	731	731	664
2391	Curtains and draperies.....	151.8	154.8	149.0	79.1	79.5	78.7	132	87	87	64
2392	Housefurnishings, n.e.c.....	117.2	116.0	118.6	84.9	84.7	85.1	286	218	218	179
2393	Textile bags.....	86.7	86.8	86.7	126.5	127.5	125.4	57	52	52	55
2394	Canvas products.....	127.3	126.6	128.1	106.6	106.3	106.8	74	54	54	65
2395	Pleating and stitching.....	158.4	153.0	164.0	98.0	99.9	96.1	95	60	178	182
2396	Apparel findings.....	163.3	162.1	164.8				228	118		
2397	Schiffli machine embroideries.....	134.4	141.9	127.8	81.7	82.0	81.3	55	44	44	35
2399	Textile products, n.e.c.....	143.9	144.5	143.3	71.6	72.0	71.3	145	98	98	85
24	Lumber and wood products.....	122.5	121.3	123.7	97.8	98.2	97.4	4,021	3,204	3,177	3,264
2411	Logging camps and contractors.....	139.1	139.0	139.1	92.6	92.0	93.1	520	387	387	393
242	Sawmills and planing mills.....	107.2	106.8	107.7	109.2	109.2	109.2	1,573	1,341	1,341	1,563
2421	Sawmills and planing mills.....	104.8	104.5	105.3	109.5	109.4	109.5	1,376	1,195	1,195	1,403
2426	Hardwood dimension and flooring.....	131.7	131.0	132.4	110.0	109.6	110.4	155	110	110	125
2429	Special product sawmills, n.e.c.....	112.6	111.8	113.4	97.3	99.7	95.0	41	36	36	35
243	Millwork and related products.....	137.5	135.7	139.3	82.4	83.4	81.6	1,240	925	925	795
2431	Millwork plants.....	120.7	120.2	121.1	99.1	99.5	98.8	524	413	413	409
2432	Veneer and plywood plants.....	160.8	159.2	162.3	67.7	68.5	67.0	559	390	390	295
2433	Prefabricated wood products.....	125.3	123.6	127.2	76.1	76.5	75.7	157	122	122	91

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
20	Food and kindred products--Continued														
205	Bakery products.....	109.4	89.4	108.0	89.6	108.0	89.8	108.1	89.5	108.7	89.9	101.9	92.5	105.8	87.4
2051	Bread and related products.....	107.4	88.8	106.5	89.5	106.7	89.9	106.1	89.4	(NA)	(NA)	102.3	91.9	106.9	86.4
2052	Biscuit, crackers, and cookies.....	117.5	91.8	116.5	89.8	116.9	90.1	116.7	89.8	(NA)	(NA)	100.1	95.1	101.6	91.6
206	Sugar.....	121.5	91.6	130.1	91.0	126.3	91.0	131.0	91.0	136.1	90.1	120.8	93.8	120.5	86.8
2061	Raw cane sugar.....	168.1	99.4	168.6	98.3	168.4	98.7	168.7	98.1	(NA)	(NA)	130.2	93.0	118.7	81.8
2062	Cane sugar refining.....	107.0	92.9	106.7	92.9	106.7	92.9	106.7	92.9	(NA)	(NA)	122.8	93.5	129.0	77.6
2063	Beet sugar.....	137.4	86.7	138.6	86.2	138.6	86.2	138.6	86.2	(NA)	(NA)	111.5	94.7	111.0	101.2
207	Candy and related products.....	118.2	90.4	117.8	88.1	117.4	88.2	117.8	88.2	119.0	90.3	98.7	97.9	109.4	90.7
2071	Confectionery products.....	115.5	86.9	117.4	86.0	116.8	85.8	117.1	86.1	(NA)	(NA)	102.8	98.0	107.3	98.5
2072	Chocolate and cocoa products.....	130.7	94.3	130.6	96.7	130.7	95.6	130.9	96.6	(NA)	(NA)	83.2	102.8	105.4	65.8
2073	Chewing gum.....	109.7	106.0	104.1	103.7	103.1	102.8	105.3	105.5	(NA)	(NA)	111.6	85.3	126.3	86.2
208	Beverages.....	119.3	89.4	118.1	89.9	117.7	90.6	117.8	89.8	115.2	91.2	107.3	96.2	109.4	97.5
2082	Malt liquors.....	114.6	96.0	114.1	95.9	114.0	95.9	114.1	95.9	(NA)	(NA)	101.9	98.3	101.2	103.5
2083	Malt.....	91.3	102.4	93.5	102.4	93.5	102.4	93.5	102.4	(NA)	(NA)	100.0	104.1	85.4	89.2
2084	Wines and brandy.....	126.3	69.0	126.7	68.5	127.3	68.6	126.1	68.4	(NA)	(NA)	107.9	98.0	94.4	128.0
2085	Distilled liquor, except brandy.....	118.6	78.9	118.5	79.6	118.6	79.4	118.7	79.7	(NA)	(NA)	99.3	99.2	116.2	97.2
2086	Bottled and canned soft drinks.....	118.7	89.2	118.1	88.7	118.0	88.7	118.3	88.7	(NA)	(NA)	120.2	88.7	120.8	82.6
2087	Flavorings.....	149.7	89.8	150.9	92.6	153.2	92.3	147.0	92.4	(NA)	(NA)	105.1	100.0	106.5	92.9
209	Miscellaneous foods and kindred products.....	121.8	81.9	123.4	88.7	123.8	87.1	124.0	89.5	109.0	101.3	92.4	113.8	105.4	99.1
2091	Cottonseed oil mills.....	127.5	123.8	125.2	128.9	125.7	128.0	125.5	129.4	(NA)	(NA)	107.3	117.0	126.2	137.7
2092	Soybean oil mills.....	127.2	59.5	124.2	62.6	126.3	63.2	123.8	62.1	(NA)	(NA)	107.4	126.6	86.2	111.7
2093	Vegetable oil mills, n.e.c.....	83.8	129.4	80.9	128.5	83.3	130.5	85.1	129.2	(NA)	(NA)	90.1	110.7	119.9	89.4
2094	Animal and marine fats and oils.....	137.0	88.3	143.0	84.3	142.3	83.0	144.7	84.2	(NA)	(NA)	88.3	90.0	89.6	92.2
2095	Roasted coffee.....	117.8	117.5	131.5	116.7	127.7	120.1	134.5	114.9	(NA)	(NA)	78.7	96.7	108.1	77.2
2096	Shortening and cooking oils.....	125.1	87.4	125.4	85.1	123.9	85.0	126.7	86.4	(NA)	(NA)	85.4	108.7	95.6	122.5
2097	Manufactured ice.....	70.5	132.6	70.8	132.6	70.8	132.6	70.8	132.6	(NA)	(NA)	116.2	172.1	118.5	86.8
2098	Macaroni and spaghetti.....	113.7	85.8	115.2	86.7	115.3	86.7	114.9	86.5	(NA)	(NA)	108.1	100.1	124.1	90.4
2099	Food preparations, n.e.c.....	129.4	75.5	135.2	77.3	134.0	77.1	133.7	77.7	(NA)	(NA)	99.3	117.1	108.9	93.7
21	Tobacco manufactures.....	114.4	92.8	110.2	95.4	111.3	93.1	110.6	94.9	114.2	92.2	102.2	94.0	103.8	82.3
2111	Cigarettes.....	120.9	80.1	123.5	80.0	123.0	80.3	122.7	79.9	(NA)	(NA)	101.6	95.3	102.3	80.1
2121	Cigars.....	103.2	94.1	102.4	93.1	102.4	93.1	102.5	93.1	(NA)	(NA)	97.7	102.5	103.0	98.7
2131	Chewing and smoking tobacco.....	68.7	111.0	68.1	109.2	68.1	108.9	68.1	109.3	(NA)	(NA)	116.0	84.2	125.4	84.9
2141	Tobacco stemming and redrying.....	113.1	114.3	112.6	133.5	112.5	129.5	112.7	132.8	(NA)	(NA)	102.9	90.9	107.1	71.7
22	Textile mill products.....	128.2	91.3	121.1	92.3	122.4	92.4	121.2	92.5	121.1	94.2	99.7	104.0	100.4	103.0
2211	Weaving mills, cotton.....	111.1	102.1	110.5	101.7	110.8	101.3	110.6	101.6	(NA)	(NA)	102.7	102.8	105.2	104.1
2221	Weaving mills, synthetics.....	142.2	84.9	143.7	85.7	143.9	84.5	143.4	86.3	(NA)	(NA)	99.9	109.5	98.2	104.0
2231	Weaving, finishing mills, wool.....	106.1	104.6	113.2	103.5	113.0	104.4	113.4	103.0	(NA)	(NA)	104.1	105.3	107.5	97.1
2241	Narrow fabric mills.....	120.5	91.4	118.0	91.3	118.3	91.5	118.0	91.2	(NA)	(NA)	96.0	95.6	101.9	95.3
225	Knitting mills.....	133.3	83.5	124.2	85.3	128.9	84.9	125.0	84.9	144.6	86.0	97.0	103.1	96.4	102.0
2251	Full-fashioned hosiery mills.....	118.4	124.4	115.0	122.8	120.7	122.9	116.0	121.5	(NA)	(NA)	95.7	122.8	86.0	129.0
2252	Seamless hosiery mills.....		74.0		74.1		71.6		73.1	(NA)	(NA)		98.6		99.0
2253	Knit outerwear mills.....	128.7	72.2	129.9	73.1	130.1	72.8	129.8	73.2	(NA)	(NA)	99.9	98.5	106.8	96.1
2254	Knit underwear mills.....	113.9	91.7	111.2	92.6	110.9	92.9	111.2	92.7	(NA)	(NA)	102.6	94.8	104.5	83.8
2256	Knit fabric mills.....	183.4	75.1	176.7	75.0	176.7	75.2	176.7	75.2	(NA)	(NA)	92.3	103.8	96.8	100.9
2259	Knitting mills, n.e.c.....	135.0	102.4	132.4	104.2	132.6	104.2	132.5	104.2	(NA)	(NA)	99.4	91.2	104.9	86.0
226	Textile finishing, except wool.....	136.6	97.4	113.2	98.8	113.0	99.0	112.9	98.6	119.3	98.5	96.9	97.3	106.7	103.3
2261	Finishing plants, cotton.....	131.8	93.7	99.1	94.9	97.1	95.0	98.0	94.8	(NA)	(NA)	95.4	95.5	107.6	101.7
2262	Finishing plants, synthetic.....	154.8	102.8	147.4	106.6	145.4	106.2	146.3	106.1	(NA)	(NA)	100.5	100.8	106.0	105.6
2269	Finishing plants, n.e.c.....	132.9	105.8	135.1	106.4	135.0	106.5	135.1	106.4	(NA)	(NA)	98.3	99.5	104.2	106.6
227	Floor covering mills.....	171.1	75.6	146.4	77.9	137.9	79.9	147.5	77.7	143.9	82.6	95.7	109.5	93.3	112.9
2271	Woven carpets and rugs.....	93.0	111.9	94.9	112.0	91.5	112.2	95.0	111.7	(NA)	(NA)	103.2	99.6	101.0	99.9
2272	Tufted carpets and rugs.....	277.1	40.0	267.5	40.0	267.8	40.2	267.7	40.0	(NA)	(NA)	91.6	127.1	87.2	141.4
2279	Carpets and rugs, n.e.c.....	61.5	86.1	64.3	84.9	63.3	85.0	64.1	84.8	(NA)	(NA)	90.0	102.7	106.5	93.3
228	Yarn and thread mills.....	135.9	82.0	125.9	84.2	127.0	83.9	126.3	84.2	129.3	83.0	100.0	107.9	96.9	107.2
2281	Yarn mills, except wool.....	130.1	82.4	124.9	82.6	126.5	82.6	125.2	82.6	(NA)	(NA)	96.8	104.1	97.1	102.0
2282	Throwing and winding mills.....	174.9	66.5	127.3	83.8	126.7	81.6	127.0	84.8	(NA)	(NA)	104.9	111.5	94.7	131.6
2283	Wool yarn mills.....	150.6	77.9	150.2	79.0	149.7	78.4	150.6	79.0	(NA)	(NA)	103.2	118.9	87.2	112.4
2284	Thread mills.....	102.1	103.3	99.3	103.6	100.3	103.5	99.5	103.4	(NA)	(NA)	106.1	106.5	114.8	97.7

See footnotes at end of table.

TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
22	Textile mill products--Continued														
229	Miscellaneous textile goods.....	121.1	96.2	118.5	96.2	122.7	96.1	117.6	96.7	115.3	94.9	101.6	106.4	100.0	99.0
2291	Felt goods, n.e.c.....	139.9	111.7	140.7	107.0	140.4	107.2	139.2	107.0	(NA)	(NA)	101.1	95.4	95.8	89.4
2292	Lace goods.....	73.2	88.3	73.3	88.3	73.3	88.3	73.3	88.3	(NA)	(NA)	118.7	114.2	125.3	124.2
2293	Padding and upholstery filling.....	111.9	105.1	112.6	105.2	112.6	105.1	111.9	105.2	(NA)	(NA)	100.1	106.2	101.4	104.0
2294	Processed textile waste.....	101.3	122.4	103.5	122.4	103.5	122.3	103.5	122.5	(NA)	(NA)	94.2	85.8	96.2	84.7
2295	Coated fabric, not rubberized.....	174.0	88.6	179.1	88.0	177.1	88.6	177.6	89.2	(NA)	(NA)	101.1	97.8	100.6	90.4
2296	Tire cord and fabric.....	101.7	91.5	99.5	90.5	99.6	90.7	99.2	90.5	(NA)	(NA)	99.5	109.2	103.6	108.0
2297	Scouring and combing plants.....	123.3	102.1	123.9	102.7	123.5	102.6	123.8	102.7	(NA)	(NA)	115.3	114.3	101.9	90.7
2298	Cordage and twine.....	104.9	105.7	106.8	106.1	106.0	106.4	106.6	105.9	(NA)	(NA)	99.6	107.0	83.2	105.6
2299	Textile goods, n.e.c.....	126.2	76.5	127.4	77.3	125.9	77.1	127.9	77.5	(NA)	(NA)	101.3	102.1	103.5	97.3
23	Apparel and related products.....	123.4	91.4	121.6	91.2	121.2	92.0	121.8	90.7	123.6	90.7	102.2	99.2	107.1	94.7
2311	Men's and boys' suits and coats.....	114.1	93.7	110.8	89.7	110.6	90.6	110.9	89.3	(NA)	91.9	104.3	96.6	115.3	89.4
232	Men's and boys' furnishings.....	128.8	91.0	126.9	92.3	127.8	92.3	126.9	92.0	130.3	89.0	104.1	97.5	111.4	92.4
2321	Men's dress shirts and nightwear.....	126.7	98.6	120.4	92.1	121.2	92.9	120.4	91.6	(NA)	(NA)	105.6	96.6	114.3	92.2
2322	Men's and boys' underwear.....	126.4	76.4	132.7	69.1	132.7	68.6	132.7	69.2	(NA)	(NA)	104.1	92.9	115.9	88.6
2323	Men's and boys' neckwear.....	121.1	113.4	122.3	113.4	122.3	113.4	122.3	113.4	(NA)	(NA)	98.0	93.0	96.9	89.4
2327	Separate trousers.....	182.1	86.5	162.8	89.6	162.9	89.6	162.6	89.6	(NA)	(NA)	100.0	102.8	108.4	97.1
2328	Work clothing.....	112.7	89.3	111.9	98.4	111.6	97.3	111.2	98.4	(NA)	(NA)	106.2	97.6	115.8	89.9
2329	Men's and boys' clothing, n.e.c.....	104.0	78.1	121.0	88.8	122.3	88.6	120.5	89.0	(NA)	(NA)	104.3	95.2	104.9	93.9
233	Women's and misses' outerwear.....	123.1	91.8	123.8	92.0	122.5	93.5	124.1	91.1	122.5	93.5	102.1	99.4	104.3	95.1
2331	Blouses.....	129.8	89.9	138.5	86.4	139.4	87.5	138.6	85.9	(NA)	(NA)	103.7	96.4	110.0	97.6
2335	Dresses.....	117.1	94.1	119.2	95.2	119.1	95.7	119.3	93.6	(NA)	(NA)	100.6	95.6	102.6	89.9
2337	Women's suits, coats, and skirts.....	119.7	99.0	111.8	100.5	110.6	101.6	112.2	100.0	(NA)	(NA)	103.2	104.2	107.0	101.4
2339	Women's outerwear, n.e.c.....	149.0	66.8	152.4	70.6	150.2	69.8	151.0	70.6	(NA)	(NA)	103.5	106.6	100.7	100.5
234	Women's and children's underwear.....	121.5	89.7	118.3	92.1	118.4	92.8	118.3	91.8	120.0	91.7	100.8	102.0	103.3	92.8
2341	Women's and children's underwear.....	120.8	90.4	116.8	85.3	116.9	87.0	116.8	84.9	(NA)	(NA)	99.2	105.6	104.5	96.0
2342	Corsets and allied garments.....	122.7	88.3	121.4	106.5	121.1	103.0	121.5	107.8	(NA)	(NA)	103.4	95.7	101.6	88.5
235	Millinery, hats, and caps.....	93.0	99.1	94.0	99.1	93.5	98.8	94.2	98.9	94.3	99.0	100.0	97.5	99.0	97.0
2351	Millinery.....	86.5	88.4	86.6	88.2	86.5	88.2	86.6	88.2	(NA)	(NA)	99.4	104.4	98.9	105.6
2352	Hats and caps.....	100.4	111.9	101.6	111.4	101.1	111.8	101.7	111.1	(NA)	(NA)	100.5	90.7	99.1	88.0
236	Children's outerwear.....	120.3	83.1	110.6	80.1	110.5	81.8	110.6	79.7	115.9	79.4	101.2	107.4	105.6	102.5
2361	Children's dresses and blouses.....	120.4	84.7	98.6	79.9	98.5	81.3	98.7	79.3	(NA)	(NA)	103.7	101.3	111.0	96.7
2363	Children's coats and suits.....	100.7	97.4	116.3	103.5	116.9	103.7	116.2	103.4	(NA)	(NA)	98.7	108.8	97.7	103.0
2369	Children's outerwear, n.e.c.....	130.2	74.5	122.8	71.6	122.5	72.1	122.7	71.6	(NA)	(NA)	99.6	113.6	103.4	109.4
2371	Fur goods.....	115.8	85.8	117.8	85.2	118.2	85.2	117.8	85.2	(NA)	85.2	102.4	98.7	98.6	93.3
238	Miscellaneous apparel.....	123.5	97.4	114.9	98.7	114.7	98.1	114.8	98.8	118.7	99.0	101.1	93.1	103.9	90.8
2381	Fabric dress and work gloves.....	121.9	108.7	122.2	105.2	122.0	105.5	122.3	105.3	(NA)	(NA)	103.9	85.0	104.1	83.4
2384	Robes and dressing gowns.....	119.0	80.4	103.4	87.7	103.0	85.7	103.4	87.8	(NA)	(NA)	110.0	103.2	110.3	92.0
2385	Waterproof outer garments.....	157.2	80.4	135.7	76.1	136.0	76.5	135.7	76.1	(NA)	(NA)	102.1	103.7	105.5	105.2
2386	Leather and sheepskin clothing.....	84.7	97.1	82.5	98.8	82.3	97.7	82.1	98.6	(NA)	(NA)	101.2	89.7	101.0	86.6
2387	Apparel belts.....	113.7	135.0	105.8	140.5	105.7	139.1	105.9	140.9	(NA)	(NA)	95.4	84.0	106.5	83.0
2389	Apparel, n.e.c.....	116.4	100.8	116.5	97.9	116.8	98.1	116.7	97.9	(NA)	(NA)	88.7	89.5	88.7	90.7
239	Fabricated textiles, n.e.c.....	131.8	92.0	136.3	89.8	136.9	90.2	136.2	89.6	136.7	90.8	100.8	100.3	108.4	101.3
2391	Curtains and draperies.....	151.8	79.7	151.9	79.8	152.0	79.7	151.8	79.8	(NA)	(NA)	95.3	104.5	100.0	92.8
2392	Housefurnishings, n.e.c.....	115.3	86.4	119.4	84.1	119.7	85.2	119.7	84.1	(NA)	(NA)	100.8	98.9	111.5	96.3
2393	Textile bags.....	88.1	131.8	87.1	128.1	87.1	127.5	87.1	128.1	(NA)	(NA)	111.1	94.3	126.2	84.3
2394	Canvas products.....	124.7	109.8	127.6	106.6	127.6	106.6	127.5	106.6	(NA)	(NA)	101.4	102.4	107.4	113.9
2395	Pleating and stitching.....	163.4	96.1	159.0	97.6	159.2	97.1	158.8	97.8	(NA)	(NA)	101.9	97.0	99.4	104.5
2396	Apparel findings.....	164.2	96.1	163.6	97.6	163.4	97.1	163.6	97.8	(NA)	(NA)	101.5	97.0	118.1	104.5
2397	Schiffli machine embroideries.....	127.1	86.1	133.9	81.7	134.4	81.8	134.0	81.7	(NA)	(NA)	101.5	104.4	93.6	96.4
2399	Textile products, n.e.c.....	143.2	71.2	144.0	70.9	143.6	71.2	144.1	70.9	(NA)	(NA)	97.5	111.0	102.9	120.5
24	Lumber and wood products.....	121.9	98.9	119.9	100.3	122.0	98.4	120.1	100.3	120.6	99.4	100.3	98.8	102.4	105.0
2411	Logging camps and contractors.....	139.6	94.9	139.1	93.5	139.1	93.1	139.0	93.6	(NA)	(NA)	95.6	94.3	96.6	109.5
242	Sawmills and planing mills.....	107.7	110.8	105.5	109.5	107.4	109.3	105.9	109.8	106.9	(NA)	103.7	98.9	109.3	106.7
2421	Sawmills and planing mills.....	105.7	111.4	102.6	109.9	104.9	109.6	102.9	110.0	(NA)	(NA)	104.0	99.2	109.8	107.5
2426	Hardwood dimension and flooring.....	127.8	110.5	131.3	110.1	132.1	110.0	130.8	110.4	(NA)	(NA)	103.4	97.8	106.6	103.0
2429	Special product sawmills, n.e.c.....	112.9	97.1	112.5	97.1	112.7	97.3	112.2	97.1	(NA)	(NA)	96.4	92.2	101.7	100.7
243	Millwork and related products.....	135.3	82.7	136.5	84.6	136.9	83.5	137.7	84.0	146.6	76.9	98.9	101.0	97.3	104.3
2431	Millwork plants.....	118.1	97.9	121.0	99.3	121.4	99.6	120.9	99.3	(NA)	(NA)	102.7	99.4	105.2	100.1
2432	Veneer and plywood plants.....	160.2	67.1	157.4	71.9	158.9	68.6	157.1	72.2	(NA)	(NA)	94.3	105.8	89.0	111.9
2433	Prefabricated wood products.....	125.3	77.9	124.9	75.5	125.0	76.3	124.5	74.2	(NA)	(NA)	101.3	97.8	102.0	97.3

See footnotes at end of table.



## PREFACE

This is the final volume in the series presenting the results of the 1963 Census of Manufactures. This volume, which is a joint effort of the Bureau of the Census and the Board of Governors of the Federal Reserve System, presents measures of change in manufacturing output from 1954 to 1958 and 1958 to 1963 with historical comparisons. As such it constitutes an extension of the work on production indexes that had been carried out as part of earlier quinquennial census programs.

Production Index volumes were issued as part of the 1947 and 1954 census publications. No separate book was issued for 1958; 1954-1958 indexes are shown in detail in this publication together with those for 1963.

The 1963 manufactures census data are provided in the usual set of three basic volumes—Summary and Subject, Industry (in two parts), and Area Statistics. That census was a large-scale undertaking in which important contributions were made by a large number of private and public individuals and organizations. Essential to the success of the census was the fine cooperation received from over 300,000 manufacturing establishments in completing the appropriate report forms.



1963

## Census of Manufactures Publication Program

### VOLUME I. SUMMARY AND SUBJECT STATISTICS

In addition to a summary chapter presenting the basic data historically for industries and geographic areas, separate chapters present data on a subject basis. Chapter titles are as follows:

1. General Summary
2. Size of Establishments
3. Type of Organization
4. Manufacturers' Inventories
5. Expenditures for Plant and Equipment
6. Power Equipment in Manufacturing Industries
7. Fuels and Electric Energy
8. Selected Materials Consumed
9. Selected Metalworking Operations
10. Water Use in Manufacturing
11. Concentration Ratios in Manufacturing Industries

Three special reports are also included in this volume: Manufacturing Activity in Government Establishments, Shipments of Defense Oriented Industries, and Origin of Exports of Manufactured Products. Each of the chapters in this volume was previously published as a separate report (Series MC63(1)—, numbers 1 to 10. Chapter 11 was issued as a special report for the Senate Subcommittee on Antitrust and Monopoly.)

### VOLUME II. INDUSTRY STATISTICS

This volume contains separate chapters for each of 80 groups of related industries which cover approximately 430 individual industries. Statistics are shown on detailed product shipments and materials consumption in terms of quantity and value, cost of fuels and electric energy, value added by manufacture, employment, payrolls, inventories, and capital expenditures. Selected statistics are included for earlier census years. This volume is published in two parts. Part 1 contains a general summary chapter and chapters for SIC Major Groups 20 to 28, as well as chapters for related industries within these major groups; Part 2 contains chapters for SIC Major Groups 29 to 39 and 19 as well as chapters for related industries within these major groups. A special report, Manufacturing Activity in Government

Establishments, is included in both parts of this volume. The 80 related-industry chapters were previously published as separate reports in series MC63(2)—, 19A to 39D.

### VOLUME III. AREA STATISTICS

This volume contains separate chapters for each State and the District of Columbia. The statistics include all-manufacturing totals for the State and its standard metropolitan statistical areas, counties, and cities with populations of 10,000 or more, with industry detail for the larger areas. The volume also includes a summary chapter presenting data for each of the nine geographic divisions and a special report, Manufacturing Activity in Government Establishments. Each State chapter was previously published as a separate report in Series MC63(3)—, 1 to 51.

### OTHER REPORTS

Two series of reports have been issued showing the number of manufacturing establishments in each of the approximately 430 manufacturing industries classified according to their employment size class and the State and county within which they are located. The first series places emphasis on the industry, showing data by location (State and county). Nine separate reports present data for 20 major industry groups. The second series places emphasis on the location showing data by industry. Nine reports—one for each of the nine geographic divisions of the United States—were published in this series. The series titles are as follows:

Location of Manufacturing Plants by Industry, County, and Employment Size (MC63(S)—3, numbers 1 to 9)

Location of Manufacturing Plants by County, Industry, and Employment Size (MC63(S)—4, numbers 1 to 9)

## The 1963 Census of Mineral Industries Publication Program

The 1963 Census of Mineral Industries was conducted jointly with the census of manufactures. This census was similar in scope and in publication program. Final results are published in two volumes, as follows:

Volume I. Summary and Industry Statistics, contains a summary chapter, 5 subject-type chapters, and 18 chapters showing related mineral industries.

Volume II. Area Statistics, contains separate chapters for each State (Delaware, Maryland, and the District of Columbia are combined).

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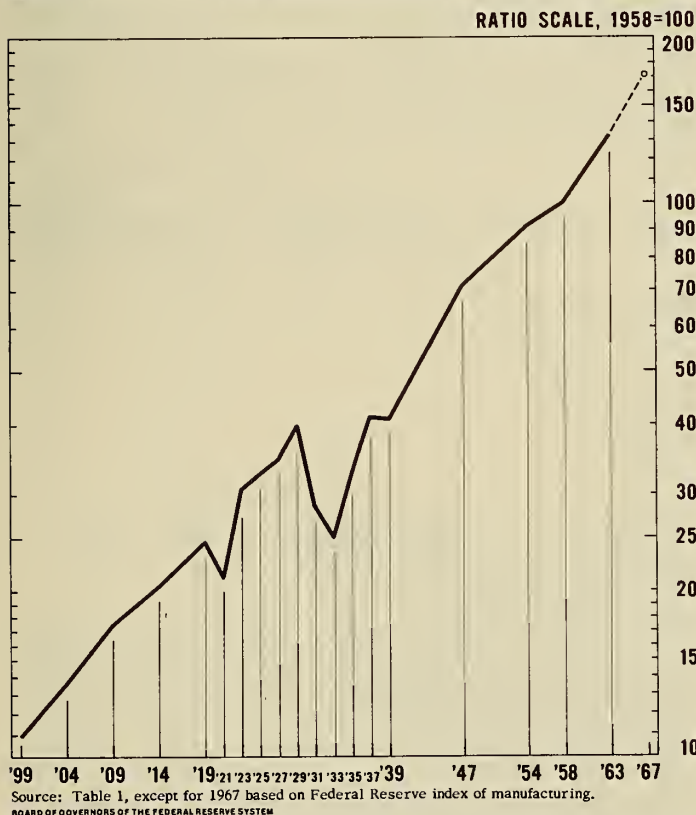




## CHAPTER 1.--SUMMARY OF RESULTS

Between 1954 and 1963, manufacturing production rose 46 percent from 91 percent of the 1958 average in the year 1954 to 133 percent in 1963, according to the cross-weighted Census-Federal Reserve benchmark indexes presented in this volume. These indexes for manufacturing industries for the years 1954 and 1963 relative to 1958 can be compared with output in other census years over the past seven decades, as shown for total manufacturing in chart 1 and in table 1 on page 7. It is apparent that the 1954 and 1963 production levels were about in line with the long-run rate of expansion which averaged about 4 percent per year, whereas the 1958 level was below that trend. (The level of output indicated by the Federal Reserve monthly manufacturing index for 1967, the year of the next Census benchmark index--is shown to be above the long-run trend.)

Chart 1  
**MANUFACTURING PRODUCTION SINCE 1899**



Benchmark indexes in the present volume have been developed by deflating and weighting in detail the value

of output of 425 manufacturing industries. These have been combined into about 180 industry and market groupings; the 21 major industry groupings are shown in table 2 on page 7. Three sets of industry measures have been compiled, with weights derived from the price relationships of: (a) the earlier year of each comparison period; (b) the later year of each comparison period; and (c) an average of both pairs of years (cross weights), as shown in table 3, page 16. In addition to value-added-weighted indexes, measures of production have been compiled with special-purpose weights, such as employment and gross value of shipments. Measures of output per unit of various inputs and of dollar aggregates per unit of output have also been prepared. Similar benchmark indexes are planned for the mineral industries in another publication.

The indexes are based mainly on data collected in the Census of Manufactures for 1954, 1958, and 1963, supplemented by price data from the Bureau of Labor Statistics and quantity and unit value data from other sources. These censuses and other Census reporting programs provide comprehensive data for about 1,100 product classes which in turn include about 10,000 separately reported products, about half of which are reported in quantity as well as value terms. Data are collected from the same establishments on labor and other inputs as well as output so that classification differences are not involved.

These production indexes provide benchmarks for adjusting monthly and annual product and industry data available from other less comprehensive sources. A major use is to furnish a standard to determine output changes for individual series and subtotals in the Federal Reserve monthly industrial production index. The manufacturing component of the production index has previously been adjusted to Census benchmark indexes through 1954. In a forthcoming revision it will be adjusted to the 1958 and 1963 benchmarks observing such differences in classification, scope, and weights as are appropriate. The benchmark results indicate that while some portions of the index will have substantial revisions, they tend to be offsetting in major divisions: the index for total manufacturing will be little affected as shown in the accompanying table A, and as described in an advance statement in the Federal Reserve *Bulletin*, June 1967, pages 954-57.

The Census production indexes and related series also serve other purposes in the broad areas of analysis of national economic growth and cyclical changes, including studies bearing on the use of labor, materials, and power

resources, plant capacity, and on price and wage changes as illustrated in the accompanying charts. The production indexes with gross value weights provide benchmarks for measures of gross commodity flows and they show for total manufacturing only about 1 percent less increase from 1954 to 1963 than the value added results, as compared in table 4.

TABLE A. Manufacturing Production Comparisons

Year and base period	Total	Durable goods	Non-durable goods
1963 (1954 = 100):			
Benchmark index.....	144.9	139.8	151.8
Federal Reserve index.....	144.7	140.8	149.9
Percentage difference....	-.1	+7	-1.3
OBE gross product.....	135.9	134.3	138.3
Percentage difference....	-6.2	-3.9	-8.9
1963 (1958 = 100):			
Benchmark index.....	133.7	137.0	129.5
Federal Reserve index.....	134.0	137.9	129.4
Percentage difference....	+.2	+7	-.1
OBE gross product.....	131.3	137.4	123.7
Percentage difference....	-1.8	+0.3	-4.5
1958 (1954 = 100):			
Benchmark index.....	108.3	102.0	117.3
Federal Reserve index.....	108.0	102.1	115.8
Percentage difference....	-.3	+1	-1.3
OBE gross product.....	103.5	97.8	111.8
Percentage difference....	-4.4	-4.1	-4.7

Note: Benchmark index results with value-added weights for 1958 are used for this comparison. This is same weight year used for the Office of Business Economics gross product series and is the closest approximation in the benchmark to the 1957 price relationships used in the present Federal Reserve index for the period since 1953.

A comparison is also made in table A between the benchmark indexes and the annual series for manufacturing published by the Office of Business Economics (OBE) in their compilations of constant-dollar gross product by industry of origin. The OBE gross product results for manufacturing are calculated by double deflation methods and generally show larger differences from the benchmarks than the Federal Reserve indexes. The measures are market-price weighted and differ by the exclusion of intermediate materials and purchased business services, but these considerations do not appear to account for all of the differences shown.<sup>1</sup>

<sup>1</sup>Further studies of this subject are being carried on under the auspices of a Federal Interagency Committee on Measurement of Real Output. For earlier descriptive materials and detailed comparisons see the National Bureau of Economic Research Studies in Income and Wealth, Volume 32 (Papers presented at a conference, December 1-2, 1966.) Also, see U.S. reply to the Economic Commission for Europe, Industrial Production Measurement in the United States, Federal Reserve, February 1964.

To minimize weight year differences, the comparisons made in table A use 1958 value-added price relationships. With 1954 weights the total manufacturing index rises 11.2 percent from 1954 to 1958, instead of the 8.3 percent obtained by using 1958 weights, and 9.7 percent when cross weights are used. The relative differences between weight years are smaller in the second benchmark interval from 1958 to 1963, as shown in table 3 on page 16. With base or current year weights (or cross weights), the rise in manufacturing output over the 5-year period from 1958 to 1963 was much larger than the increase over the preceding four years from 1954.

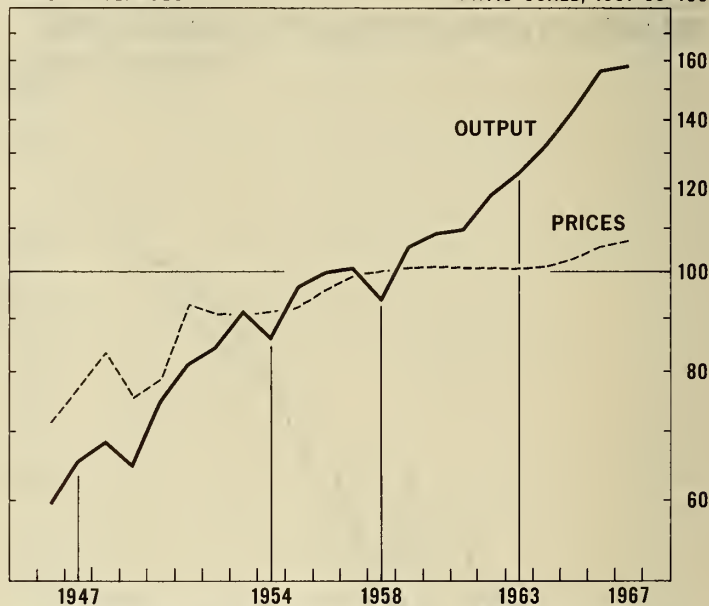
Both 1954 and 1958 were years of reduced output and capacity utilization, associated with reduced business and consumer final demands, and with inventory liquidation, as indicated in chart 2. Defense production was still high in 1954, as output scheduled earlier during the Korean conflict was completed. The 1958 recession was more severe than the 1954 recession in the automotive and industrial equipment industries, and output of materials was generally at reduced levels. There were substantial price increases in the 1954-58 period, concentrated in the metals and metal products industries.

Chart 2

## MANUFACTURING

ANNUAL AVERAGES

RATIO SCALE, 1957-59=100



Source: Output, Federal Reserve index of manufacturing. Prices, Bureau of Labor Statistics wholesale price index of total manufactures.

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In the 1958-63 period--when demand and overall output expanded sharply--output of materials showed relatively larger increases than final products as inventories were again being built up, and the general price level changed little. The Bureau of Labor Statistics wholesale price index for manufactured commodities rose only 0.5 percent in the 1958-63 period in contrast to 9.5 percent in the 1954-58 period and 18.5 percent in the previous post-World War II Census benchmark interval, from 1947 to 1954. The average amounts of these price increases were fairly close to, although all



somewhat larger than, the unit value changes implied in the calculation of the production indexes, as illustrated in chart 3. These unit-value compilations are described in chapter 2 and shown in detail in table 5.

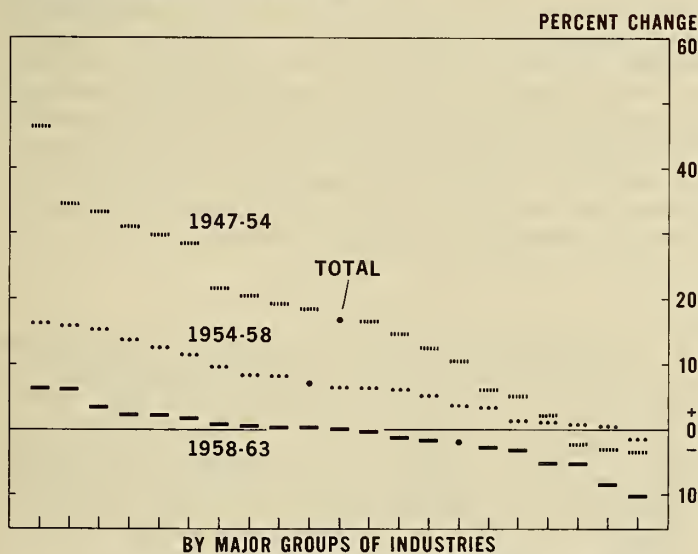
The effect of different weight periods on production indexes reflects variations in price and output behavior at all levels of the calculation. These are summarized for major groups of industries in charts 3 and 4 that show separately each of the three benchmark intervals: 1947-54, 1954-58 and 1958-63. The percentage changes over each interval in unit values and output for each of the 20 major groups and the total are ranked by amount. The large dots represent the average changes for total manufacturing.

The variations in price changes among the benchmark intervals involved, illustrated in chart 3, are based on averages of the unit values used to compile the production indexes. The successively smaller variations in the three benchmark periods contributed to the smaller differences which result from using successive weight periods, as will be noted below. The slopes of changes exhibited by the series for both of the two most recent periods are more nearly similar than for the 1947-54 period.

The companion chart 4 on output changes also exhibits more similarity in the pattern of output changes between the latter two benchmark periods than in comparing either with the array for 1947-54. The output increases for total manufacturing in the 1958-63 and 1947-54 intervals are fairly similar, but the periods are different in length and in terminal year characteristics. These considerations

Chart 3

### DISTRIBUTION OF UNIT VALUE CHANGES IN 3 BENCHMARK PERIODS



Source: Compiled from cross-weighted indexes of the value of shipments per unit shipped (20 groups, not including ordnance and total) from table 5. The 1947-54 indexes are recalculated from data developed for the 1954 benchmark.

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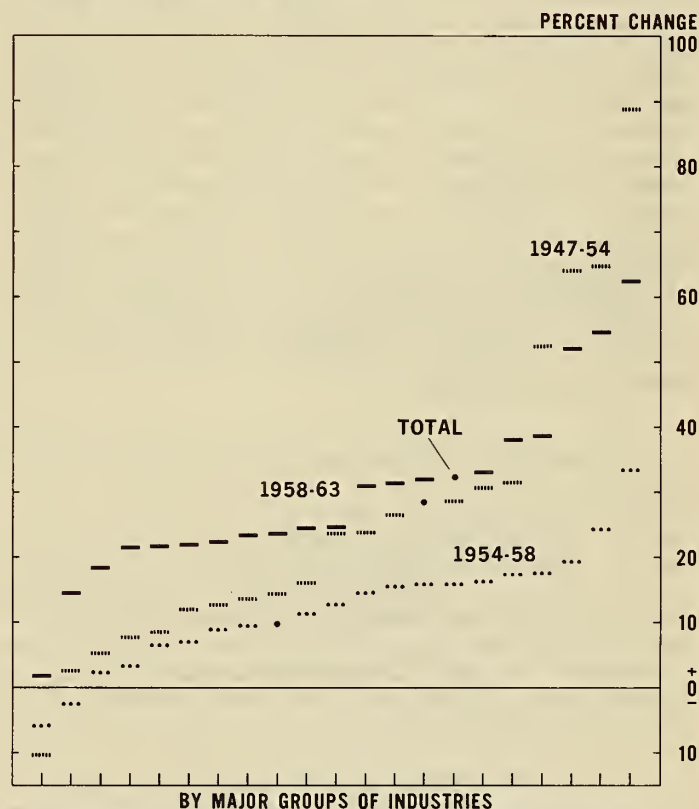
should be kept in mind in studying the detailed industry and products listed in accompanying tables and appendixes.

The combined measures for the two most recent benchmark periods show an expansion in output of 46 percent from 1954 to 1963, according to the total cross-weighted index for manufacturing production. The compilations using different combinations of weight years, range from 48.7 percent using the earlier of each pair of years to 43.4 percent using the latter of each pair. Using weights for 1958--the weight year used in the presently published constant dollar gross product data for manufacturing--the expansion in the benchmark index is 44.9 percent, as shown in table A.

The amount of difference between production indexes weighted with value added per unit taken from the beginning of each of the periods under comparison and those weighted with value added per unit taken from the end of the periods is shown in table B for the four benchmark intervals back to 1939. For comparison purposes, these results are expressed as average percentage differences per year calculated by means of the compound interest formula.

Chart 4

### DISTRIBUTION OF OUTPUT CHANGES IN 3 BENCHMARK PERIODS



Source: Compiled from cross-weighted indexes of value-added weighted output (20 groups, not including ordnance, and total) from table 3. The 1947-54 indexes are taken from the 1954 benchmark volume.

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TABLE B. Weight Year Differences for Total Manufacturing  
(Between beginning- and ending-year-weighted results)

Year	Percentage differences per year		
	Total in value-added weighted index	Part due to:	
		Deflators	Value added per unit
1939-47.....	.94	.87	.07
1947-54.....	.59	.34	.25
1954-58:			
Old SIC code.....	.50	.42	.08
New SIC code.....	.64	.50	.14
1958-63.....	.20	.18	.02

Most of the differences are caused by the familiar tendency of price and production indexes to be negatively correlated, owing both to long-run cost and demand interaction and to the tendency of random error to cause or increase such negative correlation. The amount of difference in the implied deflators, which shows the annual rate of difference ascribable to the negative correlation of price and production indexes, is also shown in table B and the difference between the total rate of difference and that due to deflator differences is the amount of difference due to changes in value added per unit of output. Value added per unit is affected by two factors: Changes in the prices of input relative to the prices of output and changes in constant-dollar input-output relationships. As will be discussed in the next chapter, it is assumed in compilations of the value-added-weighted indexes that constant dollar input-output relationships do not change at the level at which the value added weighting is applied. For a more detailed discussion of the effects of weight year differences, see Chapter 4, *Census of Manufactures 1954, Volume IV, Indexes of Production*.

The application of some caution in the interpretation of weight year differences may be suggested by the differences indicated in table B for 1954-58, using the old and the new industry classification codes listed in table 2. The new code indexes differ mainly from the old code at the total manufacturing level by deflating and weighting at different (mainly more detailed) product class levels; and by requiring somewhat more estimation of the distribution of output values among industry and product classes in the earlier year than the old code industries required in the later year.

Various additional uses of the benchmark production index results are illustrated in four-panel chart 5. These comparisons cover the whole post-World War II period. A preliminary viewing of the expected 1967 results based on presently available data is provided by the small

circles. For the purpose of seeing these comparisons in perspective for benchmark intervals, table C presents the primary series in the basic units reported which are used for the calculations.

Three of the input series from table C are converted to indexes with 1958=100 and depicted in the upper left-hand panel of chart 5. These three major inputs are in physical quantity terms and are compared with the benchmark output index for total manufacturing on a 1958 comparison base. The extent of the divergence between the Census series for production worker man-hours and total employment is evident from 1947 to 1958; however, since 1958 the two series have shown a similar pattern of change. The extent to which the growth rate of both series was slower than that of output over the whole period is indicated in the right-hand panel separately on a per employee and a per production worker man-hour basis. The latter exhibits a more stable rate of change. Its line is almost perfectly straight from 1947 to 1963 at an average rate of 4.3 percent per year. Although the output increase shown by the Federal Reserve index accelerates from 1963 to 1967, some slowdown is indicated in the rates of rise in the labor inputs. These indications, however, are based on the presently available data, which underscore the usefulness of the next benchmark index comparison for the year 1967. An examination of table 6 for the combined periods for 1945 to 1963 reveals increases in output per production worker man-hour in major groups of industries ranging from 20 percent for leather products to 100 percent for chemicals. These varied increases are also of interest in comparing the changes shown in payroll per unit of output by groups of industries noted below.

Also apparent in the upper right hand panel of chart 5 is an important shift in the input-output relationship for electric power before and after 1958. A substantial portion of the faster growth in power use from 1947 to 1958 reflected a rapid increase in consumption for atomic energy manufacturing purposes, as shown in table C. Power use for that purpose fell off moderately from 1958 to 1963. Generally, the variations in power use per unit of output by major groups of industries in table 6 exhibit less divergence than in man-hour use in the period since 1954. This is especially true in the 1958-63 interval when there was little change in total output per unit of power excluding AEC versus an increase in output per man-hour of 23 percent.

In the lower panels of the chart, the Census series for gross shipments, value added, and payroll, are expressed in current-dollar indexes as they reflect changes in prices and wage rates, while the output index is in constant dollars. This accounts for much of the differences in values per unit of output shown by the ratios plotted in the lower right-hand panel; some other sources of variation are discussed in the following chapter. Although wholesale prices were relatively stable in the period from 1958 to 1963, there was a further rise in the average value added per unit of output in about two-thirds of the major groups of industries.

The relative stability shown in unit values from 1958 to 1963 reflected, in part, a small decline in average payroll per unit of output following the marked increases in the earlier periods covered. A detailed distribution of these changes by industry is provided in table 5. The detailed figures, however, do not include payrolls at central administrative offices and auxiliaries, or supplements to wages and salaries so that additional adjustments are necessary to measure the full extent of changes in unit labor costs. Nevertheless, the census unit payroll costs provided by this volume are useful as indicators of variation among industries and major

groups. Total employee compensation which is used in the comparison at the total manufacturing level (table C) increased about one-half percent per year more than the operating establishment payroll figures during the period 1947-63.

Altogether, the detailed and extensive character of the various measures available from the benchmark comparisons, arranged by standard classifications of products and industries, provide a wealth of new material for appraising economic developments in the late 1950's and early 1960's.

TABLE C. Census of Manufactures Data for Benchmark Years, Adjusted for Comparability with Benchmark Indexes 1947 to 1963

Item	1963	1958	1954	1947
<u>Inputs</u>				
Number of employees (millions):				
All establishments.....	17.0	16.0	16.2	<sup>1</sup> 15.2
Operating manufacturing establishments.....	16.2	15.4	15.7	14.9
Production worker manhours (billions).....	24.5	22.7	24.5	25.4
Electric energy used (billions of kilowatt hours),				
total.....	405.9	319.8	248.4	146.1
AEC use.....	51.1	56.9	23.8	1.9
General use.....	354.8	262.9	224.6	144.2
<u>Current-dollar values (billions)</u>				
Shipments, gross.....	420.5	326.7	280.3	192.4
Value added.....	192.1	141.5	117.9	78.2
Payroll, all employees, total <sup>2</sup> .....	112.1	85.9	71.4	<sup>1</sup> 44.5
All establishments, salaries and wages.....	99.9	78.3	66.3	<sup>1</sup> 42.4
Operating manufacturing establishments.....	93.3	73.9	63.3	41.2
New capital expenditures.....	11.4	9.5	8.3	<sup>3</sup> 6.8

NOTE: All data for 1963 and 1958 are as published in the 1963 Census of Manufactures including Alaska and Hawaii. All data for 1954 and 1947 are adjusted to include estimated values for Alaska and Hawaii and for industries excluded from the scope of either or both of these censuses but included in later censuses. Value added in 1947 is adjusted for inventory change and value added by resale so as to be comparable with value added (adjusted) as published for subsequent census years. Value of shipments in 1947 is adjusted to be comparable with value of shipments for subsequent census years which include value of resales. All 1947 census data are adjusted for undercoverage relative to 1954, which amounted to 1.8 percent for employment (used to adjust employment and manhours), 1.3 percent for payroll, and an estimated 1.4 percent for value added, value of shipments, capital expenditures, and electric energy. (See 1954 Census of Manufactures, Volume IV, Indexes of Production, p. 16.)

<sup>1</sup>In 1947, data on employment and payroll for central administrative offices and auxiliaries (CAO's) were not collected. The all-establishment estimates shown for employment, payroll, and total labor cost in 1947 included estimates for CAO's based on the 1949 relationship of CAO data to that for operating establishments.

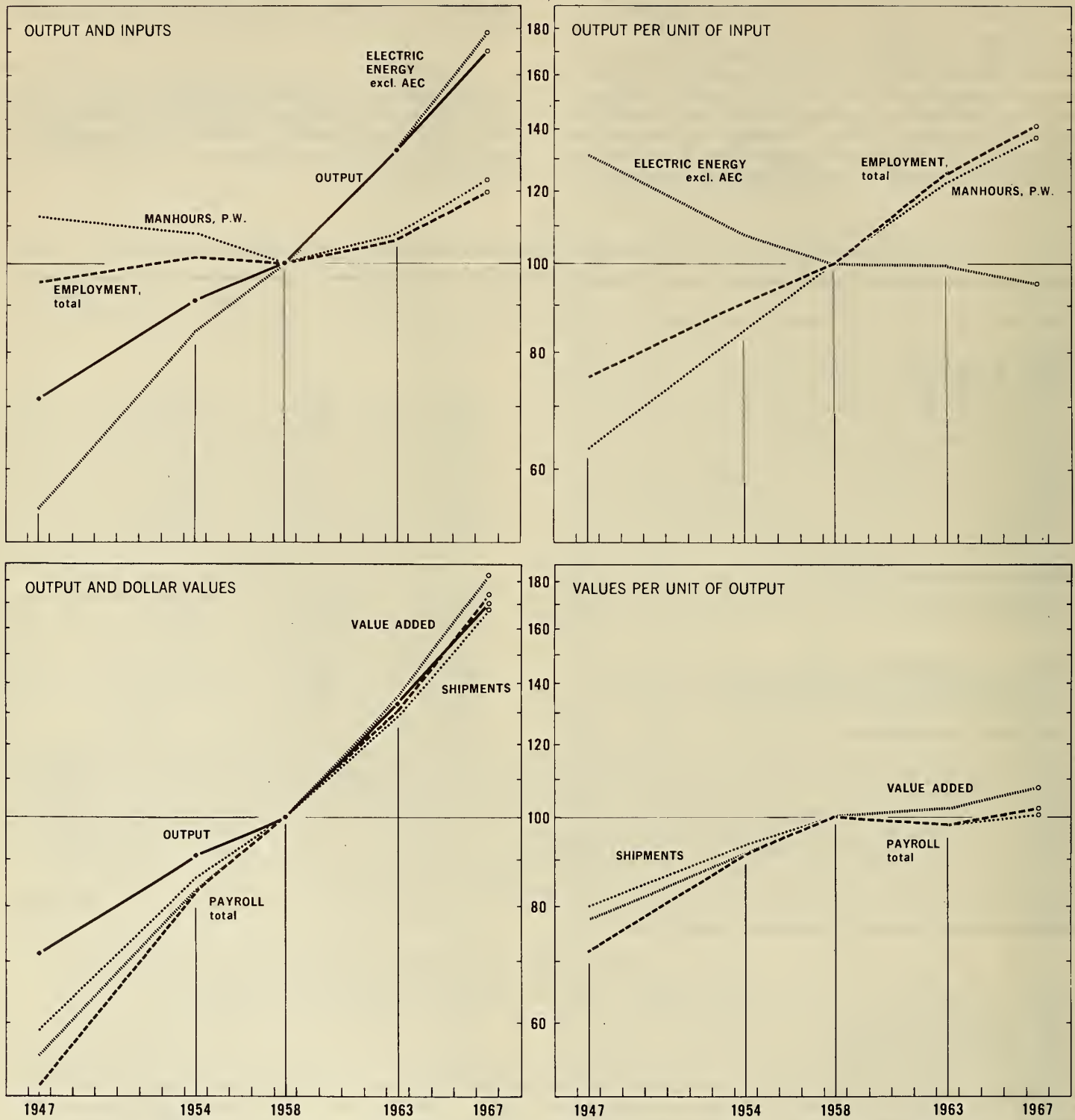
<sup>2</sup>Includes estimates of the value of supplements to wages and salaries (fringe benefits), based on data from the Survey of Current Business.

<sup>3</sup>In addition to the adjustments to 1947 data mentioned above, this figure for new capital expenditures includes the following adjustments: an additional 1.6 percent of the published figure to correct for under response, as noted in 1954 Census of Manufactures: Volume 1, page 206-1; and an additional 7 percent of the published figure, which is an estimated value for plants under construction but not yet operating. Data for such plants were not collected in 1947 but were in annual surveys and censuses beginning in 1951. They were 8 percent of new capital expenditures at operating establishments in 1951, 7 percent in 1953, and between 4 and 6 percent in other years between 1952 and 1958.



Chart 5  
**MANUFACTURING, 1958=100**

RATIO SCALE, 1958=100



Source: See table C. Projections for 1967 are based on Annual Survey of Manufactures through 1966 supplemented by Bureau of Labor Statistics, Bureau of the Census, and Federal Reserve data.

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**TABLE 1. Production Indexes for All Manufacturing, Census Years 1899 to 1963**

Year	Index, 1958 = 100	Year	Index, 1958 = 100
1963.....	133	1929.....	40
1958.....	100	1927.....	35
1954.....	91	1925.....	33
1947.....	71	1923.....	31
		1921.....	21
1939.....	41	1919.....	24
1937.....	41	1914.....	21
1935.....	33	1909.....	17
1933.....	25	1904.....	14
1931.....	29	1899.....	11

Note: The indexes for 1947 and earlier years are those presented in table 1 of Census of Manufactures 1954, Vol. IV, Indexes of Production, linked to the 1954 index (1958 = 100). The indexes are cross weighted--that is, changes between each adjoining pair of census years are based on quantities produced weighted by an average of the value added per unit in the earlier and the later year.

**TABLE 2. Production Indexes for All Manufacturing and for Industry Groups, Census Years 1939 to 1963**

(1958 = 100, value-added weights, cross weighted)

Code	Industry	New code		Old code		
		1963	1954	1954	1947	1939
5	All manufacturing industries.....	133	91	91	71	41
20	Food and kindred products.....	118	86	86	79	51
21	Tobacco manufactures.....	114	87	87	80	53
22	Textile mill products.....	125	91	93	88	69
23	Apparel and related products.....	122	92	92	82	68
24	Lumber and wood products.....	122	98	98	88	69
25	Furniture and fixtures.....	124	89	88	71	<sup>1</sup> 43
26	Paper and allied products.....	131	85	85	65	44
27	Printing and publishing.....	122	85	85	67	46
28	Chemicals and allied products.....	152	75	76	46	21
29	Petroleum and coal products.....	125	86	89	68	44
30	Rubber and plastics products, n.e.c. <sup>2</sup> .....	155	80	90	79	43
31	Leather and leather products.....	102	93	93	104	90
32	Stone, clay, and glass products.....	125	87	89	72	63
33	Primary metal industries.....	132	103	103	100	52
34	Fabricated metal products.....	122	94	94	83	41
35	Machinery, except electrical.....	136	97	95	82	31
36	Electrical machinery.....	164	90	89	54	19
37	Transportation equipment.....	141	106	101	53	26
38	Instruments and related products.....	139	84	85	56	<sup>1</sup> 23
39	Miscellaneous manufactures.....	131	86	79	61	<sup>1</sup> 35
19	Ordnance and accessories.....	134	110	199	12	<sup>1</sup> 7

Note: The "new code" indexes are those presented in subsequent tables in this volume. They follow the 1957 Standard Industrial Classification as modified for use in the 1958 and 1963 Censuses.

The "old code" indexes for 1954, 1958 = 100, were compiled using the 1945 Standard Industrial Classification as modified for use in the 1947 and 1954 Censuses. The indexes for 1947 and 1939 are those presented in Census of Manufactures 1954, Vol. IV, Indexes of Production, and Census of Manufactures: 1947, Indexes of Production, linked to the old code indexes for 1954 (1958 = 100).

The SIC revisions that have the greatest effect on the 1954-58 major group indexes are the transfer of complete guided missiles from transportation equipment in the old code to ordnance and accessories in the new code, and of miscellaneous plastics products from miscellaneous manufactures in the old code to rubber and plastics products in the new code. Indexes for major industry groups for earlier Census years, using different base periods and slightly less detail, may be found in Census of Manufactures 1954: Volume IV, Indexes of Production and the earlier volume for 1947.

<sup>1</sup>Not published in previous volumes because of inadequate product coverage.

<sup>2</sup>In old code, Rubber Products.



## CHAPTER 2.--WHAT THE INDEXES MEASURE AND HOW THEY WERE COMPILED

The indexes presented in this volume continue a series of manufacturing output measures for all census of manufactures years beginning with 1899. The full series for total manufacturing, 1958 = 100, is shown in table 1.

These indexes have been designed to provide measures of the change in the value of work done in establishments classified in each industry, valued in constant dollars to eliminate the effects of price changes. The measures for individual industries are combined to provide indexes for industry groups and total manufacturing.

Census industry indexes were first compiled by Solomon Fabricant at the National Bureau of Economic Research for the years 1899 through 1939.<sup>1</sup> The Census Bureau and Federal Reserve staffs have compiled the indexes for the years since 1939, with the Bureau of Labor Statistics also collaborating on the 1947-54 measures.

The basic approach to manufacturing output measurement has been unchanged throughout the history of the indexes; however, successive censuses and other sources have provided an increasing amount of information, making possible the use of more refined methods of compilation and new techniques of review. Use of the electronic computer has also facilitated the calculation and publication of supplementary measures of production and related variables.

### METHODS OF MEASUREMENT

The detailed census quantity and value data for the products of manufacturing, published in tables 6 of volume II of each manufacturing census, are central to the construction of the production indexes. Weighted indexes of the quantity of products produced or shipped are not, however, directly used as measures of industry output, for several reasons.

Physical-volume measures cannot be meaningfully reported for many products, indeed for some entire industries. Furthermore, the products for which quantity data are available are not always representative of output trends for related products not covered by quantity data--it is often the newest and fastest-growing products for which quantities are not reported. Even for products for which physical-volume data are reported and published,

there is often a "not specified by kind" (n.s.k.) portion representing output by establishments which were not asked to report or which did not report products in detail including quantities. (Imputed quantities for n.s.k. products are sometimes published but should not be used in index computations because they can be distorted by changes between census years in the mix of the products whose unit values are used in the imputations.) These problems are handled by use of what is sometimes known as the "coverage adjustment"; that is, the values for products not covered by quantity data, including the n.s.k. products, are deflated with the deflators derived from the products covered by quantity and value data, and these deflated values are included in the total product indexes. "Adjusted" product indexes of this type are shown in appendix A for 5-, 4-, 3-, and 2-digit product groups.

Even with the coverage adjustment, the product indexes are not appropriate measures for industry output. They cover all products of a given classification whether made in the industry to which they are primary or made in other industries as secondary products, and do not include secondary products made in the industry to which the products are primary. They also exclude receipts from nonmanufacturing activities of the industry. This problem was handled in earlier manufacturing index compilations by deflating industry value of shipments with the deflator for the products primary to the industry. (For the years through 1947, the product-coverage adjustment and the adjustment to an industry basis were made as a single operation, and "adjusted" product indexes were not calculated.) This operation involves the assumptions that, on the whole, prices for secondary products of an industry move with the prices of the products primary to that industry, and that price movements for the total of products primary to an industry apply equally to that portion of those products produced in the primary industry and that portion produced as secondary products. In industries where the specialization or coverage ratios are low, these assumptions are of dubious validity; indeed, it can be demonstrated that if price trends differ among product groups--as in practice they do--the two assumptions cannot both be true and the errors introduced may not cancel out in aggregation to industry group and total levels.

In the 1939-47 and 1947-54 indexes, the secondary products of a few industries were separately deflated. In the calculation of the 1954-58 and 1958-63 indexes presented here, the use of electronic computers made it possible to deflate the output of every industry in 5-digit detail, using the breakdown of industry shipments by product class published in table 5B of census volume II (with additional unpublished detail). Thus, secondary

<sup>1</sup>The Output of Manufacturing Industries, 1899-1937, New York, 1940, and Employment in Manufacturing, 1899-1939, New York, 1942.



products were more appropriately deflated and allowance was made for differences in the proportion of primary product classes produced in the primary industry. This procedure still involves the assumption that the deflator for the total product class can be applied to both the portion of that product class produced as a primary product and that portion produced as a secondary product, but it is no longer necessary to assume that secondary output prices move with prices of the primary products of the industry--except in the cases of contract work, other miscellaneous (nonmanufacturing) receipts including resales, and a "residue" sum of secondary product items too small to be individually coded and deflated.

#### CHOICE OF DEFLATORS

To arrive at product and industry output measures reflecting, insofar as possible, both quantity and quality change, it is necessary to construct deflators that reflect, insofar as possible, "pure" price change for products of unchanging quality. The indexes presented here, like their predecessors, are calculated using deflators based to a large extent on Census unit values. Unit-value changes are accurate measures of price change to the extent that the composition or "mix" of a Census 7-digit product line is unchanged between the two census years. Changes in composition can include not only changes in the type or grade of product but also regional shifts and changes in the average size of transaction and terms of sale.

Sources used to supplement Census unit values in calculating deflators included quantity and value data compiled by the U.S. Tariff Commission and the U.S. Bureau of Mines; wholesale price index (WPI) series compiled by the U.S. Bureau of Labor Statistics, inserted routinely for many products directly represented in the WPI and not covered by Census quantities; special studies on farm tractor and electrical equipment prices;<sup>2</sup> data on ship tonnage from Marine Engineering Log; data on freight train car capacity from the American Railway Car Institute; and special calculations of unit values for selected laboratory instruments made by the National Institutes of Health.

As in the compilation of the 1947-54 indexes, these 1954-58 and 1958-63 deflators were reviewed and compared with the price indexes compiled by the Bureau of Labor Statistics for manufacturing products and product classes. For the 1954-58 period, in view of the overall increase in manufacturing price indexes, greater increase and diversity in unit value change was allowed than in the 1958-63 period. Aside from this factor, the 1954-58 review followed guidelines similar to those of the 1958-63 review, which were as follows:

1. To reject, unless justified by special conditions, any 7-digit unit-value relative showing a change greater than minus 30 or plus 40 percent. Such changes were considered to be *prima facie* evidence that a shift in product mix had occurred. In some cases other Census or WPI deflators were substituted; in other cases the "rejected" products were not used in constructing the final product class deflators, but were treated as if they were products for which no quantities were available.

2. To reject, except for a few specifically justified classes, any 5-digit deflators showing changes greater than minus 20 or plus 25 percent, or divergence of more than 10 percent between the 1958- and 1963-weighted indexes. "Rejected" deflators were modified by eliminating extreme product unit-value changes from the product class calculation, as described in "1" above, or by substituting WPI or other data.

3. To consider the substitution of available WPI price indexes or other data for Census unit-value data whenever the census-derived unit-value relatives and the WPI price indexes differed by 5 percent or more for product classes with a total dollar value of \$250 million or more and by 10 percent or more for product classes with a total dollar value of \$50 to \$250 million. Since the products priced in the WPI are more closely defined than the Census 7-digit products, such differences suggest change in the Census product mix. However, they may also arise from failure of the WPI quotation to be representative of total product output or from differences in movement between the prices quoted in the WPI and the realized unit values reported to the Census. The Census unit values are derived from a much larger portion--usually over 90 percent--of product output, and include the interplant transfers portion of industry shipments whereas the WPI only extends to market prices. (In the 1954 census, manufacturers were requested to report interplant transfers at market prices; in more recent censuses they have been requested to report them at "economic" prices.) In testing the merit of substitution of WPI data, the decision depended upon (a) the representativeness of the coverage of the price indexes at the 7- and 5-digit levels, as compared with census quantity and value coverage at those levels; and (b) the reasonableness of the resulting industry productivity measures, approximated for review purposes using the "old method" (deflation of the value of industry output at the 4-digit level). "Reasonable" productivity change was considered to fall between average annual increases of 2 and 8 percent in output per production worker man-hour, but with recognition of special situations and particularly of the fact that 1958 was a year of depressed activity for many industries compared with 1954 and 1963. Relatively low rates of change were expected for such industries in 1954-58, and relatively high rates in 1958-63. (The final indexes of output per production worker man-hour and per employee are shown for 3- and 2-digit industries in table 6.)

Where there were no product or price data available for a product class, and no specific decision was made to substitute a deflator from another source (Census

<sup>2</sup>Lyle P. Fettig, "Price Indexes for Farm Tractors," unpublished Ph.D. thesis, University of Chicago, 1962; C. R. Dean and H. J. De Podwin, "Product Variation and Price Indexes: A case study of Electrical Apparatus," Proceedings of the American Statistical Association, 1961.



product class deflator for a related product class or other), that product class took the deflator from the next higher level of aggregation in the Standard Industrial Classification (SIC) system at which product or price coverage was available.

Tables A1 and A2 of appendix A show, for each 2-digit group and total manufacturing, the percent of value of products represented by Census unit value, WPI, and other data. As described in that appendix, the percent of total manufacturing directly represented by Census and other data on products and prices is higher in 1958-63 than in earlier index compilations. The tables that comprise the main body of appendix A show, along with the product-class output and unit-value indexes, the percentage of each product class value represented by Census, WPI, and other quantity or price data.

#### ADJUSTMENT FOR INVENTORY CHANGE

The table 5B values represent values of shipments in most cases and would not be satisfactory production indicators if the effect of inventory change were different in the two years. In compiling the 1958-63 indexes, the beginning- and end-year values of the estimated non-LIFO portion of inventories of finished goods and goods in process were revalued to the average price level for the year using deflators derived from WPI series, and inventory change for each year was then calculated to provide an "inventory adjustment factor" for each industry. In industries where value of production was reported instead of value of shipments, only goods-in-process inventories were used in the calculation, and in the industries where value of work done is reported, no inventory adjustment was required.

In the 1954-58 indexes, as in earlier calculations, the same procedure was used only for selected industries where tests showed that inventory adjustment would have a significant effect.

#### WEIGHTING

Deflated product values, even with inventory adjustment, are still not satisfactory measures of constant-dollar industry net output or value added. For different products and different methods of organizing production, a dollar's worth of output may represent 13 cents worth of value added by the producing establishment (as in fresh beef slaughter) or 80 cents worth (as in bookbinding). To count every dollar's worth of beef shipped as a dollar's worth of manufacturing output would be to ascribe to manufacturing the value that actually was added in the farm and transportation sectors of the economy. The problem is magnified by the fact that many products pass through a number of stages of output within manufacturing--for example, primary metals sold to stampings or engine plants, which use them in the manufacture of components which are then shipped to auto assembly plants to be incorporated in a finished car. Aggregation of the primary metals, components, and automobile "gross"

values results in duplication. The amounts of duplication involved depend on Census industry, product, and establishment definitions, and may not be constant from year to year, because of changes in product mix, because establishments or industries may in one year produce components which they have purchased in another year, and because of changes in reporting units.

The customary method of eliminating the effects of changes in the amount of duplication in production index compilation is the use of value-added weighting. In its simplest form, this means multiplying each dollar's worth of beef output by a ratio of .13 and each dollar's worth of bookbinding output by a ratio of .80 before aggregating. In earlier index compilations, value-added weighting was applied at the 4-digit industry level--except that in the 1939-47 and 1947-54 compilations, it was recognized that changes in product mix within industries could occur that would cause the industry index of constant-dollar gross value to differ from an index of constant-dollar value added, and product class value added weights were compiled and used within a few industries where the product mix problem seemed particularly acute.

For the 1954-58 and 1958-63 indexes, it was decided to apply value-added weights at the 5-digit product class level throughout manufacturing, a procedure made possible by the use of the electronic computer. Tables 8 of census volume II show general statistics for establishments specializing in most product classes in most industries. Further unpublished detail was available in the census records. The ratio of value added to value of shipments for plants specializing in each product class (all plants in the industry which shipped more of that product class than any other product class) was derived from table 8 data and used to weight the deflated shipments of that product class--both in the industry to which it was primary and in every industry which shipped significant amounts of that product class as a secondary product.

The residue of secondary products and miscellaneous receipts in each industry was weighted with that industry's value-added ratio, except for resales in all industries and for contract work in apparel and certain textile industries. For resales, special weights were compiled from the census statistics on value of resales and value added by resale. For the apparel and textile industries in which jobbing and contracting are significant, special correction factors were devised based on the relationship of cost of contract work to contract receipts in each year.

#### EFFECT OF THE NEW METHOD

Tests were made of the effect of 5-digit deflation and weighting. Table A compares "new method" (5-digit deflation and weighting) indexes for 1963, 1958 = 100, for total manufacturing and major industry groups, with indexes compiled using the "old method" (deflation and value-added weighting at the 4-digit level) and with indexes using 5-digit deflation and 4-digit value-added weighting.

The differences are small at the 2-digit level, because differences at lower levels of aggregation are offsetting. A comparison of two sets of 4-digit industry indexes, both using 5-digit deflation but one using 5-digit value added weighting while the other used gross value weighting, showed that differences exceeding 2 percent were found in approximately one-fourth of the 4-digit industries, and 29 4-digit industries, mainly in the machinery and equipment area, displayed variations of more than 5 percent caused by the use of 5-digit weighting.

#### VALIDITY OF THE INDEXES

A value-added weighted gross output index is a valid net output measure to the extent that there is no change in constant-dollar input-output relationships at the level of aggregation at which the weights are applied--in the case of these indexes, the Census 5-digit product class level. It will not be distorted by shifts to more or less processed product classes within an industry classification (for example, from fresh to processed meats) nor by shifts between industries with high and low ratios of value added to value of shipments, such as meat packing and bookbinding. But it will be distorted--will not measure net output properly--if there are changes in real input-output relationships at the 5-digit level.

Changes in constant-dollar input-output relationships at the 5-digit level could arise from three main causes: (1) Changes in the mix of products within the product class, among products with different ratios of value added to value of shipments; (2) increases or decreases in economy or efficiency of materials use, such as changes in the percent of materials wasted, increases in the efficiency of fuel use, or substitution of cheaper materials without lowering the measured quality of the final product; and (3) changes in the degree of "vertical industry integration."

"Vertical integration" refers to the degree to which a product is produced from raw or slightly processed materials; its opposite, "specialization," refers to a situation in which the production process is divided into a number of stages each performed in a different manufacturing establishment, with the finished product assembled from highly fabricated materials, components, or subassemblies. If given establishments change their method of production of a product class, or if the share of the product class produced by the more specialized establishments changes, then there will be a change in the net output of the industry relative to the gross output of the industry that will not be corrected for by the value added weights--in fact they could "correct" the index in the wrong direction.

TABLE A.--Comparison of 3 Methods of Computation, Census Benchmark Indexes for 1963, 1958=100

(1958 value-added weights)

Code	Industry group	New method (5-digit deflation and 5-digit weighting)	4-digit weighting and 5-digit deflation	Old method (4-digit weighting and 4-digit deflation)
	Total manufacturing.....	133.7	133.9	133.8
	Durable manufacturing.....	137.0	137.4	137.3
	Nondurable manufacturing.....	129.5	129.5	129.5
20	Food and kindred products.....	118.5	118.3	117.9
21	Tobacco manufactures.....	115.0	115.2	115.5
22	Textile mill products.....	126.1	128.3	127.2
23	Apparel and related products.....	122.7	123.7	122.9
24	Lumber and wood products.....	123.7	123.5	122.3
25	Furniture and fixtures.....	124.0	123.6	123.6
26	Paper and allied products.....	131.4	131.0	130.7
27	Printing and publishing.....	121.9	121.9	123.1
28	Chemicals and allied products.....	154.2	153.6	153.6
29	Petroleum and coal products.....	125.5	124.8	123.9
30	Rubber and plastics products, n.e.c.....	154.9	155.0	155.8
31	Leather and leather products.....	102.4	102.8	102.5
32	Stone, clay, and glass products.....	125.3	125.8	125.4
33	Primary metal industries.....	132.0	132.7	131.7
34	Fabricated metal products.....	122.8	122.7	122.6
35	Machinery, except electrical.....	136.5	136.9	137.0
36	Electrical machinery.....	165.1	164.4	166.7
37	Transportation equipment.....	140.5	141.6	141.4
38	Instruments and related products.....	139.5	138.2	135.9
39	Miscellaneous manufacturing.....	131.5	132.2	131.0
19	Ordinance and accessories.....	134.2	137.5	137.8



It is not known whether changes in product class input-output relationships introduce a bias in the value-added-weighted indexes, or in which direction or how great the bias might be. Although there is a general tendency in measurements of this type for errors in detail to be offset in aggregation, there is no *a priori* reason to suppose that the effects would be entirely offsetting at the total manufacturing or industry group level, nor is there any reason to assume that the greater detail available at the 5- than at the 4-digit level and the greater detail generally available for the 1958-63 indexes compared with the 1954-58 indexes will necessarily give more accurate results than the lesser amount of detail--they will not if the effect of changes in input-output relationships happens to be in the opposite direction from the effect of product class shifts. The net output indexes for manufacturing derived by the Office of Business Economics (OBE) using the double deflation method<sup>3</sup> cannot be compared with the value-added-weighted indexes in this connection without first removing the differences in deflators between the two series. (It should be noted that removing the differences in deflators--say by substituting Census deflators in the OBE series--would change the constant-dollar input-output relationships implied in the OBE series unless input and output deflators were equally affected. The problem of changes in input-output relationships is closely bound up with the problems of price deflation such as quality change.)

An additional point about value-added weighting is that meaningful product class weights could not be obtained where the product classes are joint products. By the standard census definition, most newspapers "specialize" in advertising, few specialize in circulation receipts; most refineries specialize in gasoline, few in fuel oil. Materials consumption indexes were used to represent newspapers and the other printing and publishing industries, so that in those cases it was unnecessary to weight product classes. For the petroleum refining industry, gross value weights were used at the 5-digit level, although if it were feasible to construct directly estimated product value-added weights, they might provide superior indexes.

Finally, the ratios of value added to value of shipments for establishments specializing in a given product class must be considered only an approximation of the value-added/value-of-shipments ratio for the product class since, in most industries, establishments are not highly specialized in terms of a product class. The ratios can therefore be distorted by varying proportions of output of products other than the product class in which the establishments specialize, even in the absence of change in product class input-output relationships.

<sup>3</sup>Jack J. Gottsegen and Richard C. Ziemer, "Comparison of Federal Reserve and OBE Measures of Real Manufacturing Output, 1947-64," in The Industrial Composition of Income and Product, Studies in Income and Wealth, Volume 32, National Bureau of Economic Research: New York, 1968.

To this point it has been assumed that Census value added in current dollars is an adequate current-dollar measure of industry value added or work done. In fact, Census value added does not net out a sizable category of inputs known as purchased business services, including purchased maintenance and repair services, advertising and communications, rents and royalties, professional services, etc. These inputs in 1958 amounted to over 10 percent of Census value added according to estimates based on the Interindustry Transaction table.<sup>4</sup> The fact that these inputs are not excluded from the weights means that the above statements about the validity of the indexes depending on constant input-output relationships do not apply to these service inputs. With respect to services, the indexes assume in effect that each industry's constant-dollar volume of purchased business services moves with its value-added-weighted output and that business services are a similar percentage of value added in each industry. Both assumptions are open to question, particularly the latter, since some business services such as advertising are clearly a larger portion of value added in certain consumer goods industries, especially foods, soap, toiletries, and tobacco. Preliminary calculations made with rough data on values and prices of business services suggest that adjustment of both weights and series to exclude business services would have little effect on the manufacturing total indexes in 1958-63 but might lower the increase from 1954 to 1958 by about 1-1/2 percent.

#### SPECIAL-PURPOSE INDEXES

A number of special-purpose industry indexes and related measures were compiled. They are all shown with all weight periods for total manufacturing in table 4. Cross-weighted special-purpose production indexes for all industries and industry groups are shown in table 5, and cross-weighted indexes of output per unit of input and payroll per unit of output are shown in table 6 for 3- and 2-digit industry groups and totals.

The industry indexes with value of shipments weights in table 5 are measures of gross industry output (not gross product, which is actually a net value added concept--the contribution of each industry to gross national product in market prices net of purchased material and service inputs). They are identical in concept and data base with the gross or "total" deflated Census output series compiled by OBE as one step of its calculations of constant-dollar gross product by industry of origin. Differences between the measures for 2-digit major industry groups and total manufacturing shown here and those published in The Industrial Composition of Income and Product can arise from several sources--principally from differences in weight year and deflators, but also from differences in adjusting for changes in classification systems and reporting units between 1954 and 1958 and possibly from differences in the data used in the inventory valuation and inventory change adjustments.

<sup>4</sup>Survey of Current Business, September 1965.



The 4-, 3-, and 2-digit industry gross-weighted indexes are different from the product gross-weighted indexes presented in appendix A: the weight concept is identical, but the industry indexes cover all shipments and inter-plant transfers, including reported contract work and other miscellaneous receipts, of all establishments in the given industry classification, adjusted for inventory change, while the product indexes pertain to production (where it is available--otherwise shipments and inter-plant transfers) of all products in the product classification by all manufacturing establishments, excluding contract work and other miscellaneous receipts. (One type of contract work was included in the product indexes as well as the industry indexes, because it is not duplicative in the sense that apparel contract work is duplicative of the apparel values reported by apparel jobbers. This exception is receipts from the U.S. Government for work done in government-owned, privately operated contractor establishments classified in industries 2819 and 2892.)

Industry production indexes were compiled with labor, energy, and capital weights and are shown in table 5. In general, these measures have the same limitations as the value-added-weighted indexes, and like them may be distorted by changes in constant-dollar input-output relationships and by the limitations of the specialization data.

Three different types of labor weights were applied at the 5-digit level: Total employment, total payroll, and production-worker man-hours. Like the value added weights, these weights were ratios to value of shipments derived from Census table 8 data. Labor-weighted production indexes are considered to be measures of the change in labor requirements that would be associated with the observed change in production if there were no change in productivity for any product. When divided by an index of the actual change in labor input associated with the observed change in production, these labor-weighted indexes yield indexes of labor productivity that are averages of changes in productivity in individual industries. For some purposes, these are thought to be preferable to, or a useful supplement to, the kind of productivity index that results when a value-added weighted index is divided by a labor input index, since the value-added-weighted measure can change because of shifts among 5-digit product classes or 4-digit industries even if there is no change in productivity in the production of any individual product class or industry.<sup>5</sup>

The total employment and total payroll used in the labor-weighted indexes and related measures in tables 4, 5, and 6 refer to employment and payroll in operating

manufacturing establishments and do not include central administrative offices (CAO's) and auxiliaries. Employment and payroll for CAO's and auxiliaries is published by the Census Bureau for 2-digit industries only; the data appear in one of the summary tables in Volume I of the Census. Production indexes for 2-digit industries, weighted with employment and payroll in operating establishments at the 5-digit level, were weighted with 2-digit industry statistics on total employment and payroll including CAO's and auxiliaries to derive measures for total manufacturing that are shown in the left column of table B below, compared with the results for total manufacturing in the right column which, like those shown in tables 4, 5, and 6 of this volume, use operating establishments only throughout.

TABLE B. Comparison of Production Indexes: Including CAO's and Auxiliaries, Including Operating Establishments Only, 1963 and 1954

Item and year	Indexes, 1958 = 100 1958 weights for output	
	Including CAO's and auxiliaries	Operating estab- lishments only
1954		
Indexes of production with—		
Employment weights.....	93.5	93.5
Payroll weights.....	93.7	94.0
Output per employee:		
Value-added weights.....	<sup>1</sup> 91.4	90.5
Employment weights.....	<sup>1</sup> 92.5	91.7
Payroll per unit of output (1954 weights):		
Value-added weights.....	<sup>1</sup> 91.6	92.9
Payroll weights.....	<sup>1</sup> 90.2	91.3
1963		
Indexes of production with—		
Employment weights.....	131.3	131.1
Payroll weights.....	132.7	132.5
Output per employee:		
Value-added weights.....	125.9	126.6
Employment weights.....	123.6	124.2
Payroll per unit of output (1963 weights):		
Value-added weights.....	95.4	94.5
Payroll weights.....	96.1	95.3

Note: The indexes of payroll per unit of output derived from base-year-weighted output indexes have current-year weights--1954 weights for the 1954 indexes and 1963 weights for the 1963 indexes, as shown in the table.

<sup>1</sup>The 1954 CAO and auxiliary statistics may embody some undercoverage relative to 1958. The indexes shown assume that none of the relative increase in CAO's and auxiliaries results from improvement in reporting.

<sup>5</sup>For an examination of the assumptions underlying this view, see Denison, *The Sources of Economic Growth in the United States*, Committee for Economic Development, 1962, pp. 225-228.

The Census payroll values also do not include supplementary employment costs such as employer contributions to public and private insurance and pension plans, which have been an increasingly important component of total labor cost. In 1957 the importance of selected supplementary employee costs surveyed by Census as a percent of total payroll varied considerably among major industry groups--from 5 percent, in printing and publishing, to 13 percent in petroleum and coal products--so it is possible that the inclusion of these costs would change the payroll-weighted indexes. In addition, the indexes of payroll per unit of output are biased downward as indexes of unit labor cost because of the omission of these costs. Using OBE data shown in the Survey of Current Business on supplements to wages and salaries in manufacturing, the series on payroll per unit of output in total manufacturing including CAO's and auxiliaries that was presented in table B has been further modified to include these supplements (fringe benefits) in the payroll series--though not in the weights for the payroll-weighted index--with the results shown in table C below.

TABLE C. Comparison of Indexes of Payroll Per Unit of Output, Including Wage Supplements, 1963 and 1954

Item and year	Payroll and supplements per unit of output	Payroll per unit of output
1954, 1958 = 100 (1954 weights): <sup>1</sup>		
Value-added weights.....	90.0	91.6
Payroll weights.....	88.7	90.2
1963, 1958 = 100 (1963 weights):		
Value-added weights.....	97.7	95.4
Payroll weights.....	98.4	96.1

<sup>1</sup>The 1954 CAO and auxiliary statistics embody an unknown amount of undercoverage relative to 1958. See note to table B above.

Two different measures of industry consumption of energy were used as weights at the 4-digit industry level, to combine the industry value-added weighted indexes into measures of energy requirements. One was a measure of total energy used--the sum of electric energy purchased and fuels purchased, with the fuels converted to kilowatt-hour equivalents. This was done only for the 1954-58 period and the results for total manufacturing only are shown in table 4. The second was

a measure of electricity consumed (electric energy purchased plus electric energy generated in the reporting establishments minus electric energy sold); these indexes are shown in tables 4 and 5. Such indexes reflect industries in terms of their importance as energy users. When divided by the actual change in energy input, energy-weighted indexes yield indexes of output per unit of energy input that are averages of the indexes of output per unit of energy input in individual industries, and are not affected by shifts to or from industries with relatively high ratios of value added to energy input.

The total energy weights give more importance than the electric energy weights to the "heat process" industries in primary metals and chemicals. In the electric-energy weighted series, the Atomic Energy Commission contractor plants classified in industry 2819--treated for index purposes as a separate industry--have a strong influence, since they consume over 10 percent of all the kilowatt-hours consumed in manufacturing, but little of the fuels. For this reason, separate electric-energy-weighted indexes are shown for total manufacturing excluding these contractor plants.

Two types of capital-weighted production indexes were calculated in order to provide capital requirements indexes analogous to the labor and energy requirements indexes just described. For 1954-58 only, gross book value of capital assets at the end of 1957, published in Volume I of the 1958 census, was used to weight the 4-digit industry indexes. For both 1954-58 and 1958-63, capital expenditure weights were applied at the 5-digit level; these were ratios of new capital expenditures to value of shipments for specializing establishments, derived from the census table 8. (In 1954-58 but not in 1958-63, the 5-digit new capital expenditures data were adjusted to include a pro rata share of the 4-digit industry's reported purchases of used capital equipment.) These measures are shown, for total manufacturing only, in table 4.

Tables 4 and 6 also show some of the related measures that can be derived from the same family of Census operating establishment statistics--indexes of output per employee and per production worker man-hour with both value added and labor weights; indexes of output per kilowatt-hour of electricity with both value added and electric energy weights; the gross-weighted index of unit value, or value of shipments per unit shipped, which is similar in concept and data base to the OBE "Value of production" deflator and is also the benchmark-derived measure closest in concept to the WPI for manufactures; the index of value added per unit of output; and measures of payroll per unit of output with both value added and payroll weights.



**TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954**

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
	Total manufacturing.....	133.0	132.4	133.7	91.2	92.3	89.9	192,103	141,394	141,269	117,626
	Durable manufacturing.....	136.6	136.2	137.0	96.8	98.0	95.3	108,709	77,888	77,869	66,175
	Nondurable manufacturing.....	128.6	127.7	129.5	84.6	85.3	83.9	83,394	63,506	63,400	51,451
	MAJOR MARKET CATEGORIES										
1	Home goods and apparel.....	126.9	126.2	127.6	90.6	91.0	90.2	20,179	15,378	15,402	13,527
2	Consumer staples.....	122.8	122.2	123.4	83.3	84.1	82.6	34,954	27,185	26,780	20,731
3	Equipment and defense items, except automotive.....	137.7	137.5	137.9	95.0	97.3	92.4	30,436	21,576	21,571	18,258
4	Automotive equipment.....	165.5	166.1	164.8	111.9	112.7	108.6	14,669	8,305	8,306	7,340
5	Construction material, supplies and intermediate products.....	122.5	122.2	122.7	90.6	91.1	90.0	17,635	14,213	14,215	12,047
6	Other materials and supplies and intermediate products.....	135.7	134.6	136.9	90.9	92.0	89.8	14,230	54,736	54,995	45,723
	MAJOR INDUSTRY GROUPS										
20	Food and kindred products.....	118.3	118.0	118.5	86.3	86.6	86.1	21,826	17,670	17,532	14,009
21	Tobacco manufactures.....	114.5	114.0	115.0	86.6	88.3	84.7	1,681	1,413	1,413	1,004
22	Textile mill products.....	125.4	124.6	126.1	91.3	92.0	90.7	6,123	4,859	4,858	4,566
23	Apparel and related products.....	122.5	122.3	122.7	91.8	92.3	91.3	7,861	5,994	6,004	5,222
24	Lumber and wood products.....	122.5	121.3	123.7	97.8	98.2	97.4	4,021	3,204	3,177	3,264
25	Furniture and fixtures.....	123.9	123.7	124.0	88.6	89.6	87.7	3,068	2,349	2,349	1,931
26	Paper and allied products.....	130.9	130.4	131.4	85.2	85.4	85.0	7,396	5,607	5,707	4,640
27	Printing and publishing.....	121.5	121.2	121.9	84.9	85.2	84.7	10,476	7,953	7,923	6,323
28	Chemicals and allied products.....	152.5	150.7	154.2	74.9	76.4	73.4	17,586	12,251	12,270	9,198
29	Petroleum and coal products.....	125.1	124.8	125.5	86.0	86.2	85.8	3,713	2,521	2,518	2,241
30	Rubber and plastics products, n.e.c.....	154.9	154.8	154.9	80.3	81.8	79.0	4,654	3,277	3,277	2,568
31	Leather and leather products.....	102.0	101.7	102.4	93.4	93.8	92.8	2,079	1,897	1,897	1,679
32	Stone, clay, and glass products.....	124.8	124.4	125.3	87.1	87.8	86.4	7,044	5,528	5,529	4,265
33	Primary metal industries.....	131.8	131.5	132.0	102.6	103.5	101.5	15,261	11,642	11,671	9,962
34	Fabricated metal products.....	122.7	122.6	122.8	94.1	94.9	93.2	11,791	9,432	9,412	7,862
35	Machinery, except electrical.....	135.8	135.2	136.5	96.9	98.8	94.7	17,311	12,412	12,391	10,657
36	Electrical machinery.....	164.1	163.1	165.1	89.8	90.5	89.0	17,011	10,627	10,395	8,538
37	Transportation equipment.....	140.9	141.2	140.5	106.2	106.3	105.9	22,766	15,283	15,284	13,481
38	Instruments and related products.....	138.6	137.7	139.5	83.9	84.6	83.1	3,992	2,781	2,906	2,153
39	Miscellaneous manufacturing.....	131.4	131.2	131.5	86.3	86.8	85.8	3,562	2,676	2,694	2,196
19	Ordnance and accessories.....	133.3	132.5	134.2	110.4	125.0	95.0	2,883	1,953	2,060	1,865
20	Food and kindred products.....	118.3	118.0	118.5	86.3	86.6	86.1	21,826	17,670	17,532	14,009
201	Meat products.....	120.7	120.4	120.9	88.5	88.7	88.3	2,883	2,499	2,499	1,946
2011	Meat slaughtering plants.....	116.3	116.1	116.5	96.0	95.6	96.4	1,908	1,747	1,747	1,397
2013	Meat processing plants.....	129.1	128.2	130.0	80.1	79.0	81.4	563	442	442	312
2015	Poultry dressing plants.....	132.5	132.3	132.7	63.8	64.1	63.6	411	311	311	236
202	Dairies.....	109.7	109.7	109.7	82.3	82.4	82.3	3,185	2,875	2,867	2,301
2021	Creamery butter.....	98.0	97.3	98.6	93.9	93.1	94.6	133	147	147	142
2022	Natural and process cheese.....	129.7	129.4	129.9	79.3	79.6	79.0	180	133	109	82
2025	Special dairy products.....	130.5	128.5	132.3	130.5	128.5	132.3	180	133	24	37
2023	Condensed and evaporated milk.....	118.3	118.1	118.6	93.8	93.2	94.4	236	203	203	171
2024	Ice cream and frozen desserts.....	114.5	114.2	114.8	77.6	77.8	77.5	433	393	393	330
2026	Fluid milk.....	107.4	107.6	107.3	80.8	80.9	80.6	2,203	1,999	1,991	1,537
203	Canned and frozen foods.....	126.5	125.7	127.5	78.9	79.5	78.4	2,779	1,968	1,896	1,325
2031	Canned and cured seafoods.....	103.6	102.4	105.0	111.5	113.3	109.9	175	131	100	117
2032	Canned specialties.....	135.9	136.6	135.1	78.2	78.1	78.2	541	341	341	233
2033	Canned fruits and vegetables.....	115.2	114.4	116.0	79.4	80.1	78.5	1,029	850	808	553
2034	Dehydrated foods products.....	131.7	131.4	132.0	93.1	93.3	92.9	116	76	76	56
2035	Pickles, sauces, salad dressings.....	130.7	131.1	130.2	87.9	88.5	87.2	249	165	165	125
2036	Fresh or frozen packaged fish.....	122.2	122.4	122.0	79.6	80.7	78.2	118	82	82	49
2037	Frozen fruits and vegetables.....	152.9	148.8	157.6	60.8	60.7	60.8	550	324	324	192
204	Grain mills.....	124.8	124.8	124.9	86.9	87.2	86.7	2,271	1,858	1,856	1,467
2041	Flour mills.....	99.2	98.4	99.8	86.4	86.3	86.6	373	395	393	331
2042	Prepared animal feeds.....	128.8	129.0	128.6	85.2	85.5	84.8	984	799	799	630
2043	Cereal preparations.....	139.3	139.3	139.3	86.9	87.2	86.6	365	243	243	177
2044	Rice milling.....	152.8	151.7	153.9	95.2	96.3	94.0	81	53	53	44
2045	Blended and prepared flour.....	151.2	148.5	153.9	96.9	97.7	96.2	178	118	118	106
2046	Wet corn milling.....	119.1	119.2	119.0	87.2	87.2	87.2	291	249	249	179

See footnotes at end of table.

TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
20	Food and kindred products--Continued										
205	Bakery products.....	108.8	108.7	108.9	89.9	89.9	89.9	3,031	2,633	2,633	2,069
2051	Bread and related products.....	106.5	106.4	106.6	89.8	89.8	89.9	2,404	2,111	2,111	1,637
2052	Biscuit, crackers, and cookies.....	118.1	118.1	118.2	90.7	90.0	90.4	627	522	522	432
206	Sugar.....	127.9	127.5	128.4	90.5	90.8	90.2	591	383	337	265
2061	Raw cane sugar.....	168.6	169.1	168.0	98.7	98.7	98.6	136	68	22	18
2062	Cane sugar refining.....	106.7	106.6	106.8	92.9	92.9	93.0	254	185	185	133
2063	Beet sugar.....	138.7	138.9	138.4	86.2	86.4	86.0	201	130	130	114
207	Candy and related products.....	116.3	116.6	116.0	90.2	90.7	89.5	956	752	749	613
2071	Confectionery products.....	115.6	115.3	116.0	86.2	86.2	86.2	635	512	512	435
2072	Chocolate and cocoa products.....	129.6	128.8	130.6	95.5	96.2	94.5	185	135	135	86
2073	Chewing gum.....	103.3	108.4	97.2	104.7	105.9	103.2	136	105	102	92
208	Beverages.....	119.8	119.2	120.4	89.4	89.5	89.4	3,725	2,841	2,836	2,471
2082	Malt liquors.....	114.0	113.5	114.6	95.9	95.8	95.9	1,286	1,115	1,115	1,106
2083	Malt.....	93.5	93.5	93.5	102.4	102.4	102.5	44	55	55	50
2084	Wines and brandy.....	127.3	127.4	127.1	68.7	69.5	68.1	137	114	114	100
2085	Distilled liquor, except brandy.....	120.9	120.6	121.2	78.3	78.6	78.0	624	445	445	338
2086	Bottled and canned soft drinks.....	118.1	116.8	119.7	88.3	88.0	88.7	1,234	862	845	654
2087	Flavorings.....	150.9	151.8	149.9	91.2	91.8	90.6	400	249	262	222
209	Miscellaneous foods and kindred products..	122.4	121.9	123.0	84.4	84.9	83.8	2,406	1,863	1,859	1,553
2091	Cottonseed oil mills.....	125.7	125.8	125.5	127.4	128.2	126.7	101	64	64	112
2092	Soybean oil mills.....	126.3	125.4	127.2	63.9	65.6	62.5	152	140	140	99
2093	Vegetable oil mills, n.e.c.....	84.7	88.3	80.5	130.0	128.9	131.4	43	42	42	49
2094	Animal and marine fats and oils.....	142.5	144.0	141.1	83.5	83.8	83.2	193	152	127	98
2095	Roasted coffee.....	123.8	125.3	122.2	117.9	119.0	116.4	616	461	24	22
2096	Shortening and cooking oils.....	124.8	124.9	124.7	85.8	85.7	85.8	265	222	222	232
2097	Manufactured ice.....	70.8	70.8	70.7	132.6	132.8	132.5	90	108	108	124
2098	Macaroni and spaghetti.....	115.2	115.1	115.3	86.7	86.9	86.4	96	67	67	53
2099	Food preparations, n.e.c.....	127.9	125.8	130.3	76.6	77.3	76.9	850	608	1,066	765
21	Tobacco manufactures.....	114.5	114.0	115.0	86.6	88.3	84.7	1,681	1,413	1,413	1,004
2111	Cigarettes.....	121.0	120.9	121.1	80.3	82.6	77.6	1,310	1,059	1,059	677
2121	Cigars.....	102.3	102.2	102.3	93.1	93.1	93.1	193	183	183	168
2131	Chewing and smoking tobacco.....	68.5	68.1	69.0	108.8	108.8	108.8	74	86	86	80
2141	Tobacco stemming and redrying.....	112.6	111.4	113.8	129.5	127.2	132.6	103	86	86	79
22	Textile mill products.....	125.4	124.6	126.1	91.3	92.0	90.7	6,123	4,859	4,858	4,566
2211	Weaving mills, cotton.....	111.1	111.1	111.2	101.1	101.9	100.5	1,257	1,075	1,079	1,135
2221	Weaving mills, synthetics.....	143.8	143.6	143.9	83.9	84.2	83.6	662	469	469	409
2231	Weaving, finishing mills, wool.....	105.9	104.9	106.9	104.8	105.8	103.7	387	337	337	342
2241	Narrow fabric mills.....	118.5	117.0	120.1	91.2	91.5	90.9	172	143	143	124
225	Knitting mills.....	131.0	131.3	130.7	83.7	83.2	84.1	1,396	1,105	1,101	940
2251	Full-fashioned hosiery mills.....	122.5	122.1	122.9	121.3	120.5	121.9	488	464	173	271
2252	Seamless hosiery mills.....				70.7	72.0	69.5				
2253	Knit outerwear mills.....				72.5	72.6	72.3				
2254	Knit underwear mills.....				92.2	92.6	91.8				
2256	Knit fabric mills.....				75.1	75.2	74.9				
2259	Knitting mills, n.e.c.....	139.0	141.8	136.2	104.3	105.1	103.3	20	15	15	13
226	Textile finishing, except wool.....	119.8	120.6	118.9	98.1	98.5	97.7	582	456	456	462
2261	Finishing plants, cotton.....	122.0	123.9	120.3	94.0	94.1	93.9	332	289	289	277
2262	Finishing plants, synthetic.....	150.7	150.5	150.8	104.9	105.8	104.1	177	115	115	127
2269	Finishing plants, n.e.c.....	131.6	130.8	132.6	105.4	107.1	103.9	73	52	52	59
227	Floor covering mills.....	166.7	157.7	165.5	75.9	80.2	72.2	395	260	260	222
2271	Woven carpets and rugs.....	92.5	91.8	93.3	110.8	113.2	108.4	120	128	128	142
2272	Tufted carpets and rugs.....	272.8	273.4	272.3	39.8	40.0	39.7	259	109	109	61
2279	Carpets and rugs, n.e.c.....	63.2	62.8	63.7	84.9	85.4	84.3	16	23	23	18
228	Yarn and thread mills.....	130.7	128.4	132.9	82.8	84.2	81.6	652	514	514	456
2281	Yarn mills, except wool.....	128.6	128.0	129.2	82.5	82.6	82.4	363	291	292	246
2282	Throwing and winding mills.....	167.2	156.6	176.7	75.8	81.6	71.2	94	68	68	67
2283	Wool yarn mills.....	150.3	149.5	151.0	78.0	77.8	78.2	120	91	91	80
2284	Thread mills.....	101.9	101.1	102.8	101.5	103.8	99.2	76	65	63	62

See footnotes at end of table.



TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
22	Textile mill products--Continued										
229	Miscellaneous textile goods.....	124.1	123.2	124.9	96.2	96.5	96.0	620	499	499	476
2291	Felt goods, n.e.c.....	137.8	138.8	136.8	107.3	109.1	105.3	59	44	44	43
2292	Lace goods.....	73.3	73.2	73.4	88.3	88.3	88.3	31	34	34	38
2293	Padding and upholstery filling.....	112.8	111.9	113.8	105.1	104.3	105.9	66	57	57	63
2294	Processed textile waste.....	103.5	102.4	104.6	122.3	120.6	124.3	31	31	31	32
2295	Coated fabric, not rubberized.....	177.4	176.8	178.0	88.0	88.6	87.4	179	100	100	80
2296	Tire cord and fabric.....	99.9	99.5	100.3	90.9	91.0	90.7	72	70	70	69
2297	Scouring and combing plants.....	123.6	124.6	122.5	102.2	97.9	107.2	45	36	36	34
2298	Cordage and twine.....	106.4	103.9	108.6	106.9	108.7	105.1	58	65	65	74
2299	Textile goods, n.e.c.....	125.0	124.8	125.3	76.9	77.6	76.3	79	61	61	45
23	Apparel and related products.....	122.5	122.3	122.7	91.8	92.3	91.3	7,861	5,994	6,004	5,222
2311	Men's and boys' suits and coats.....	114.4	114.2	114.6	91.9	92.0	91.7	832	643	643	527
232	Men's and boys' furnishings.....	128.8	128.5	129.0	92.2	92.4	91.9	1,618	1,127	1,137	969
2321	Men's dress shirts and nightwear.....	126.6	126.4	126.9	95.3	95.3	95.3	599	422	422	370
2322	Men's and boys' underwear.....	126.5	126.2	126.8	68.8	69.0	68.6	63	42	52	31
2323	Men's and boys' neckwear.....	120.9	121.3	120.4	113.4	113.6	113.2	58	49	49	50
2327	Separate trousers.....	182.1	182.1	182.2	89.0	89.8	88.2	383	209	209	180
2328	Work clothing.....	115.2	115.3	115.1	94.4	94.3	94.5	331	255	255	217
2329	Men's and boys' clothing, n.e.c.....	103.8	103.6	104.1	85.4	86.1	84.7	183	150	150	120
233	Women's and misses' outerwear.....	123.2	123.2	123.3	93.3	93.4	93.2	2,460	1,914	1,914	1,696
2331	Blouses.....	130.3	130.0	130.5	88.4	88.2	88.5	301	200	200	172
2335	Dresses.....	117.1	117.1	117.0	95.7	95.7	95.6	1,181	971	971	836
2337	Women's suits, coats, and skirts.....	120.3	119.8	120.8	101.8	102.0	101.6	638	515	515	532
2339	Women's outerwear, n.e.c.....	149.0	149.6	148.4	68.4	68.4	68.3	340	228	228	156
234	Women's and children's underwear.....	120.3	120.4	120.2	91.9	92.2	91.7	741	596	596	509
2341	Women's and children's underwear.....	121.1	121.0	121.3	88.5	88.7	88.3	431	348	348	295
2342	Corsets and allied garments.....	121.6	122.1	121.2	97.0	96.9	97.1	310	249	249	213
235	Millinery, hats, and caps.....	93.2	91.8	94.6	98.4	99.0	97.8	185	200	200	191
2351	Millinery.....	86.5	84.3	88.8	88.2	87.9	88.5	93	109	109	102
2352	Hats and caps.....	101.3	101.0	101.6	111.8	112.2	111.3	92	91	91	90
236	Children's outerwear.....	115.8	115.6	116.0	82.1	82.5	81.6	467	381	381	320
2361	Children's dresses and blouses.....	120.3	120.5	120.1	82.5	82.8	82.2	206	167	167	133
2363	Children's coats and suits.....	100.6	100.6	100.5	102.5	102.7	102.4	73	68	68	72
2369	Children's outerwear, n.e.c.....	130.6	129.8	131.3	72.4	72.8	71.9	188	146	146	116
2371	Fur goods.....	117.6	117.6	117.5	85.2	85.5	84.9	111	95	95	76
238	Miscellaneous apparel.....	118.4	118.0	118.9	97.3	100.7	93.5	377	306	306	270
2381	Fabric dress and work gloves.....	119.4	119.1	119.7	105.4	105.5	105.3	68	54	54	47
2384	Robes and dressing gowns.....	118.4	118.4	118.4	84.2	91.3	77.2	69	56	56	43
2385	Waterproof outer garments.....	157.1	157.1	157.1	77.2	81.9	72.8	111	73	73	59
2386	Leather and sheeplined clothing.....	83.8	82.8	84.7	97.3	92.1	103.6	23	28	28	24
2387	Apparel belts.....	112.1	109.5	114.8	134.7	136.7	132.2	62	54	54	60
2389	Apparel, n.e.c.....	118.5	119.9	117.3	97.6	99.5	95.6	43	41	41	36
239	Fabricated textiles, n.e.c.....	135.0	134.4	135.7	89.7	90.6	89.0	1,071	731	731	664
2391	Curtains and draperies.....	151.8	154.8	149.0	79.1	79.5	78.7	132	87	87	64
2392	Housefurnishings, n.e.c.....	117.2	116.0	118.6	84.9	84.7	85.1	286	218	218	179
2393	Textile bags.....	86.7	86.8	86.7	126.5	127.5	125.4	57	52	52	55
2394	Canvas products.....	127.3	126.6	128.1	106.6	106.3	106.8	74	54	54	65
2395	Pleating and stitching.....	158.4	153.0	164.0				95	60		
2396	Apparel findings.....	163.3	162.1	164.8	98.0	99.9	96.1	228	118	178	182
2397	Schiffli machine embroideries.....	134.4	141.9	127.8	81.7	82.0	81.3	55	44	44	35
2399	Textile products, n.e.c.....	143.9	144.5	143.3	71.6	72.0	71.3	145	98	98	85
24	Lumber and wood products.....	122.5	121.3	123.7	97.8	98.2	97.4	4,021	3,204	3,177	3,264
2411	Logging camps and contractors.....	139.1	139.0	139.1	92.6	92.0	93.1	520	387	387	393
242	Sawmills and planing mills.....	107.2	106.8	107.7	109.2	109.2	109.2	1,573	1,341	1,341	1,563
2421	Sawmills and planing mills.....	104.8	104.5	105.3	109.5	109.4	109.5	1,376	1,195	1,195	1,403
2426	Hardwood dimension and flooring.....	131.7	131.0	132.4	110.0	109.6	110.4	155	110	110	125
2429	Special product sawmills, n.e.c.....	112.6	111.8	113.4	97.3	99.7	95.0	41	36	36	35
243	Millwork and related products.....	137.5	135.7	139.3	82.4	83.4	81.6	1,240	925	925	795
2431	Millwork plants.....	120.7	120.2	121.1	99.1	99.5	98.8	524	413	413	409
2432	Veneer and plywood plants.....	160.8	159.2	162.3	67.7	68.5	67.0	559	390	390	295
2433	Prefabricated wood products.....	125.3	123.6	127.2	76.1	76.5	75.7	157	122	122	91

See footnotes at end of table.



TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
24	Lumber and wood products--Continued										
244	Wooden containers.....	100.6	100.0	101.1	119.2	120.9	117.5	174	176	184	207
2441	Nailed wooden boxes and shooks.....	98.6	98.0	99.2	124.2	126.6	121.8	85	92	102	128
2442	Wirebound boxes and crates.....	121.2	121.1	121.2	114.4	114.7	114.2	56	46	43	44
2443	Veneer and plywood containers.....	92.1	92.4	91.8	143.1	144.3	141.4	16	18	18	18
2445	Cooperage.....	72.2	72.6	71.6	84.7	84.6	84.7	17	19	20	17
249	Miscellaneous wood products.....	136.2	135.2	137.2	89.1	90.1	88.3	514	374	340	306
2491	Wood preserving.....	125.6	125.0	126.2	100.5	100.6	100.4	93	73	73	69
2499	Wood products, n.e.c.....	138.8	137.8	139.8	86.2	87.2	85.3	420	301	267	237
25	Furniture and fixtures.....	123.9	123.7	124.0	88.6	89.6	87.7	3,068	2,349	2,349	1,931
251	Household furniture.....	121.3	121.1	121.4	87.9	88.6	87.1	2,047	1,580	1,580	1,336
2511	Wood furniture, not upholstered.....	133.9	133.8	134.1	92.9	93.8	91.9	993	705	705	602
2512	Wood furniture, upholstered.....	118.3	118.3	118.4	74.5	74.7	74.2	507	391	391	285
2514	Metal household furniture.....	104.6	104.7	104.4	89.4	91.0	87.8	247	219	219	193
2515	Mattresses and bedsprings.....	107.1	106.9	107.2	95.6	95.9	95.3	286	249	249	248
2519	Household furniture, n.e.c.....	91.1	90.9	91.3	54.4	54.8	54.0	15	16	16	8
252	Office furniture.....	136.6	137.0	136.3	92.6	93.5	91.4	285	212	212	157
2521	Wood office furniture.....	144.5	144.5	144.6	85.1	85.1	85.2	57	38	38	29
2522	Metal office furniture.....	134.8	135.2	134.5	94.3	95.3	92.9	228	174	174	128
2531	Public building furniture.....	124.8	124.6	125.1	86.3	86.4	86.2	142	113	113	90
254	Partitions and fixtures.....	139.3	139.6	139.0	87.8	88.9	86.6	433	301	301	233
2541	Wood partitions and fixtures.....	138.9	138.9	138.9	82.0	82.7	81.3	219	150	129	111
2542	Metal partitions and fixtures.....	139.7	140.3	139.1	92.9	93.5	92.2	214	151	172	122
259	Furniture and fixtures, n.e.c.....	102.0	101.7	102.4	96.1	98.3	93.7	160	144	144	114
2591	Venetian blinds and shades.....	99.3	98.7	99.9	128.0	128.5	127.6	94	83	83	81
2599	Furniture and fixtures, n.e.c.....	106.1	106.2	106.0	56.8	56.4	57.1	66	60	60	33
26	Paper and allied products.....	130.9	130.4	131.4	85.2	85.4	85.0	7,396	5,670	5,707	4,640
2611	Pulpmills.....	163.3	163.2	163.5	88.4	88.0	88.8	296	196	196	168
2621	Papermills, except building.....	122.5	122.4	122.7	85.5	85.6	85.5	1,857	1,542	1,542	1,252
2631	Paperboard mills.....	142.9	142.8	142.9	86.7	86.7	86.7	1,186	840	840	700
264	Paper and paperboard products.....	133.4	132.0	134.8	79.3	80.0	78.6	1,962	1,413	1,413	1,119
2641	Paper coating and glazing.....	147.5	145.4	149.6	92.9	93.3	92.4	457	320	320	308
2642	Envelopes.....	131.2	131.3	131.2	85.7	85.8	85.6	189	138	138	103
2643	Bags, except textile bags.....	129.1	128.3	129.9	78.4	78.7	77.9	370	309	309	215
2644	Wallpaper.....	82.8	81.9	83.8	103.5	104.4	102.6	21	21	21	19
2645	Die-cut paper and board.....	151.4	150.1	152.9	81.8	82.0	81.7	183	111	111	104
2646	Pressed and molded pulp goods.....	142.6	144.1	141.2	54.3	54.3	54.2	70	50	50	26
2647	Sanitary paper products.....	126.8	125.9	128.1	69.8	71.0	68.8	370	230	230	344
2649	Converted paper products, n.e.c.....	122.8	121.6	124.7				303	234	464	
265	Paperboard containers and boxes.....	131.1	130.9	131.4	88.8	88.6	89.0	1,941	1,504	1,502	1,216
2651	Folding paperboard boxes.....	125.6	125.5	125.7	82.8	83.0	82.6	477	394	391	281
2652	Setup paperboard boxes.....	106.4	106.5	106.3	100.1	99.8	100.4	132	125	125	130
2653	Corrugated shipping containers.....	137.7	137.4	137.9	91.2	91.0	91.2	804	597	597	497
2654	Sanitary food containers.....	129.1	128.7	129.5	84.9	84.6	85.3	402	309	309	231
2655	Fiber cans, tubes, drums, etc.....	156.2	154.4	158.1	95.5	95.6	95.4	126	80	80	77
2661	Building paper and board mills.....	88.4	88.4	88.4	90.0	89.7	90.2	153	175	215	184
27	Printing and publishing.....	121.5	121.2	121.9	84.9	85.2	84.7	10,476	7,953	7,923	6,323
2711	Newspapers.....	117.3	117.3	117.3	91.7	91.7	91.7	3,202	2,517	2,517	2,138
2721	Periodicals.....	111.7	111.9	111.5	93.1	94.2	92.1	1,349	975	933	806
273	Books.....	134.6	134.3	134.9	68.1	68.3	67.9	1,354	838	843	552
2731	Books, publishing and printing.....	127.8	128.1	127.4	69.3	69.5	69.2	996	616	616	407
2732	Book printing.....	155.4	155.2	155.6	64.8	64.8	64.8	358	222	227	145
2741	Miscellaneous publishing.....	137.8	137.0	138.5	80.8	80.8	80.8	253	199	207	151

See footnotes at end of table.

**TABLE 3. Production Indexes and Weight Data for Manufacturing Industries,  
1963 and 1954--Continued**

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
27	Printing and publishing--Continued										
275	Commercial printing.....	122.2	121.7	122.8	82.0	82.2	81.8	2,961	2,342	2,344	1,837
2751	Printing, except lithographic.....	100.4	100.3	100.5	88.6	89.0	88.1	1,578	1,483	1,483	1,266
2752	Printing, lithographic.....	163.2	162.8	163.6	70.3	70.1	70.5	1,302	795	797	527
2753	Engraving and plate printing.....	134.5	134.5	134.4	74.3	74.3	74.3	81	64	64	44
2761	Manifold business forms.....	165.1	164.9	165.2	82.2	82.2	82.2	378	248	245	189
2771	Greeting card manufacturing.....	122.9	122.9	122.9	83.7	83.6	83.8	205	179	179	135
278	Bookbinding and related work.....	121.7	121.8	121.6	75.1	75.3	74.9	341	265	265	190
2782	Blankbooks; looseleaf binders.....	118.2	118.4	117.9	69.6	69.8	69.4	168	133	133	88
2789	Bookbinding and related work.....	125.3	125.2	125.4	80.6	80.9	80.4	172	133	133	102
279	Printing trades services.....	107.2	107.1	107.3	87.7	87.9	87.5	434	390	390	326
2791	Typesetting.....	128.9	129.0	128.9	73.9	74.1	73.7	205	155	155	107
2793	Photoengraving.....	95.3	95.4	95.2	89.4	89.5	89.1	172	172	172	149
2794	Electrotyping and stereotyping.....	86.6	86.5	86.7	117.1	117.7	116.6	57	63	63	70
28	Chemicals and allied products.....	152.5	150.7	154.2	74.9	76.4	73.4	17,586	12,251	12,270	9,198
281	Basic chemicals.....	154.9	152.9	156.9	76.4	77.3	75.4	6,171	4,260	4,260	3,244
2812	Alkalies and chlorine.....	137.9	137.2	138.6	87.7	88.3	87.2	389	306	306	256
2813	Industrial gases.....	191.7	183.5	198.3	67.6	68.4	66.9	260	174	174	122
2814	Cyclic (coal tar) crudes.....	96.1	96.8	95.3	68.6	69.2	68.1	35	30	30	22
2815	Intermediate coal tar products.....	162.5	160.3	164.7	89.1	90.8	87.6	570	373	373	363
2816	Inorganic pigments.....	124.6	124.8	124.4	100.2	100.1	100.3	286	236	236	195
2818	Organic chemicals, n.e.c.....	180.1	178.0	182.0	72.1	73.4	70.8	2,727	1,672	1,672	1,177
2819	Inorganic chemicals, n.e.c.: Privately owned and operated.....	139.8	139.2	140.4	77.0	77.4	76.7	1,244	930	930	748
	Government-owned, privately operated..	116.7	116.7	116.7	66.7	67.2	66.1	659	538	538	361
282	Fibers, plastics, rubbers.....	175.4	174.1	176.6	67.3	68.1	66.6	2,865	1,900	1,900	1,422
2821	Plastics materials and resins.....	171.6	172.4	170.9	62.3	63.2	61.6	1,202	872	872	586
2822	Synthetic rubber.....	147.0	145.8	148.3	59.6	59.4	59.8	330	198	198	143
2823	Cellulosic manmade fibers.....	111.6	112.2	111.0	94.7	94.6	94.7	412	390	390	375
2824	Organic fibers, noncellulosic.....	259.1	259.4	258.8	58.2	58.2	58.1	922	440	440	318
283	Drugs.....	155.0	153.0	156.8	60.0	62.2	58.1	2,807	2,096	2,096	1,365
2831	Biological products.....	192.1	189.5	194.3	95.1	99.7	91.0	60	39	39	39
2833	Medicinals and botanicals.....	114.6	111.3	117.1	71.5	76.1	67.6	151	176	176	143
2834	Pharmaceutical preparations.....	157.8	155.7	159.8	58.2	60.1	56.4	2,596	1,882	1,882	1,182
284	Cleaning and toilet goods.....	145.6	145.4	145.9	75.9	77.0	74.7	2,866	1,903	1,903	1,340
2841	Soap and other detergents.....	135.6	135.5	135.7	83.6	85.6	81.5	1,137	858	858	660
2842	Polishes and sanitation goods.....	124.4	123.6	125.2	74.6	75.2	73.9	420	296	296	198
2843	Surface active agents.....	134.9	136.0	133.7	78.1	79.7	76.8	76	52	52	49
2844	Toilet preparations.....	167.7	167.3	168.2	66.8	67.0	66.5	1,233	698	698	432
2851	Paints and allied products.....	133.7	135.2	132.2	95.2	95.5	95.1	1,112	807	783	662
2852	Putty and calking compounds.....				76.9	79.8	73.6			24	15
2861	Gum and wood chemicals.....	106.5	107.1	105.8	104.3	105.7	102.5	100	85	85	72
287	Agricultural chemicals.....	146.1	145.4	146.9	91.5	93.2	89.7	628	415	415	359
2871	Fertilizers.....	151.4	151.0	151.7	99.7	99.9	99.5	288	198	198	179
2872	Fertilizers, mixing only.....	137.7	137.9	137.6	99.7	99.9	99.5	164	106	106	93
2873	Agricultural pesticides.....										
2879	Agricultural chemicals, n.e.c.....	145.5	144.0	147.2	71.5	74.9	68.5	176	111	111	87
289	Miscellaneous chemical products.....	127.3	125.0	129.7	95.6	97.1	94.2	1,035	785	804	721
2891	Glue and gelatin.....	137.9	138.6	137.3	75.3	75.9	74.7	147	106	106	82
2892	Explosives.....	121.1	121.3	121.0	88.0	188.0	188.0	166	132	132	221
2893	Printing ink.....	125.9	125.2	126.5	87.9	89.0	86.7	125	109	109	88
2895	Carbon black.....	121.0	121.0	121.0	86.3	86.4	86.2	92	73	73	59
2899	Chemical preparations, n.e.c.....				72.8	74.2	71.3			364	246
2894	Fatty acids.....	128.0	123.3	133.3	107.5	110.3	105.2	506	366	21	24
29	Petroleum and coal products.....	125.1	124.8	125.5	86.0	86.2	85.8	3,713	2,521	2,518	2,241
2911	Petroleum refining.....	122.9	122.7	123.1	85.8	85.8	85.6	3,138	2,119	2,119	1,918
295	Paving and roofing materials.....	133.4	132.2	134.6	78.6	77.7	79.5	356	272	269	208
2951	Paving mixtures and blocks.....	160.1	159.8	160.5	55.3	55.4	55.2	166	113	113	52
2952	Asphalt felts and coatings.....	115.6	114.9	116.3	93.5	93.7	93.3	190	159	156	156
299	Petroleum and coal products, n.e.c.....	146.3	147.3	145.2	107.2	109.6	104.4	220	130	130	115
2992	Lubricating oils and greases.....	159.2	159.2	159.2	108.3	111.4	104.8	199	103	103	91
2999	Petroleum and coal products, n.e.c.....	88.8	86.6	91.3	103.0	103.2	102.8	21	27	27	24

See footnotes at end of table.



TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
30	Rubber and plastics products, n.e.c....	154.9	154.8	154.9	80.3	81.8	79.0	4,654	3,277	3,277	2,568
3011	Tires and inner tubes.....	130.1	129.6	130.6	90.6	91.0	90.0	1,322	1,180	1,180	901
3021	Rubber footwear.....	150.5	149.2	151.6	75.9	76.0	75.7	217	150	150	107
3031	Reclaimed rubber.....	116.8	117.3	116.3	122.9	122.2	123.5	27	21	21	23
3069	Rubber products, n.e.c.....	146.2	146.0	146.4	90.2	91.7	88.7	1,427	997	997	920
3079	Plastics products, n.e.c.....	196.9	197.9	196.1	59.0	59.4	58.6	1,661	929	929	618
31	Leather and leather products.....	102.0	101.7	102.4	93.4	93.8	92.8	2,079	1,897	1,897	1,679
3111	Leather tanning and finishing.....	93.1	92.8	93.5	99.3	100.0	98.7	273	276	276	260
3121	Industrial leather belting.....	72.1	72.0	72.3	101.8	102.2	101.4	33	36	36	35
3131	Footwear cut stock.....	87.5	86.5	88.7	106.8	111.9	101.1	91	98	98	87
314	Footwear, except rubber.....	102.1	102.0	102.2	90.1	90.1	90.0	1,279	1,146	1,146	988
3141	Shoes, except rubber.....	101.8	101.8	101.9	90.7	98.9	90.7	1,215	1,086	1,086	942
3142	House slippers.....	106.8	106.6	107.0	78.0	77.9	78.0	65	60	60	45
3151	Leather gloves.....	137.7	139.4	136.2	101.5	101.2	101.7	32	26	26	23
3161	Luggage.....	109.3	108.5	110.3	97.0	97.4	96.6	113	97	97	91
317	Purses and small leather goods.....	120.4	120.4	120.3	92.2	92.6	91.7	225	187	187	164
3171	Handbags and purses.....	122.7	122.7	122.7	92.9	94.0	91.9	143	111	111	94
3172	Small leather goods.....	116.7	116.6	116.8	91.3	91.1	91.6	82	76	76	70
3199	Leather goods, n.e.c.....	105.6	105.4	105.8	100.5	100.8	100.1	33	31	31	29
32	Stone, clay, and glass products.....	124.8	124.4	125.3	87.1	87.8	86.4	7,044	5,528	5,529	4,265
3211	Flat glass.....	145.7	143.8	147.5	105.2	105.4	104.9	364	263	263	247
322	Pressed and blown glassware.....	127.3	126.5	128.1	92.5	93.1	91.7	1,102	845	845	679
3221	Glass containers.....	123.4	122.1	124.7	87.6	87.6	87.4	630	532	532	385
3229	Pressed and blown glass, n.e.c.....	133.4	132.8	134.0	100.3	102.4	98.1	472	312	312	294
3231	Products of purchased glass.....	134.2	134.3	134.1	92.8	94.7	90.7	310	243	243	193
3241	Cement, hydraulic.....	109.9	109.9	110.0	88.3	88.1	88.3	786	725	725	526
325	Structural clay products.....	111.5	111.2	111.7	100.6	101.1	100.1	554	490	491	428
3251	Brick and structural tile.....	104.0	104.2	103.8	104.7	104.8	104.6	217	197	197	184
3253	Ceramic wall and floor tile.....	136.2	126.2	126.2	81.6	81.9	81.2	111	93	93	76
3255	Clay refractories.....	117.8	118.1	117.6	111.8	111.9	111.6	118	105	105	88
3259	Structural clay products, n.e.c.....	106.7	105.8	107.6	100.3	100.3	100.4	108	96	96	80
326	Pottery and related products.....	126.1	125.9	126.2	103.4	104.6	102.1	338	282	284	258
3261	Vitreous plumbing fixtures.....	126.1	126.1	126.1	91.0	91.0	90.9	102	87	87	76
3262	Vitreous china food utensils.....	112.0	111.9	112.1	106.1	106.6	105.7	43	39	42	36
3263	Fine earthenware food utensils.....	113.2	113.7	112.7	176.1	176.4	176.1	41	36	34	49
3264	Porcelain electrical supplies.....	143.8	142.8	144.6	94.3	95.5	92.9	90	66	66	54
3269	Pottery products, n.e.c.....	123.6	123.8	123.4	89.4	91.0	87.8	62	54	54	43
327	Concrete and plaster products.....	127.6	127.5	127.8	76.4	76.4	76.3	2,122	1,548	1,548	1,041
3271	Concrete block and brick.....	120.8	120.8	120.8	104.0	103.7	104.2	246	190	190	180
3272	Other concrete products.....	129.4	129.2	129.6	71.6	71.7	71.4	540	390	390	238
3273	Ready mixed concrete.....	135.5	135.5	135.5	65.3	65.4	65.3	982	676	676	398
3274	Lime.....	111.7	111.6	111.9	91.9	92.6	91.1	95	74	74	58
3275	Gypsum products.....	111.3	111.2	111.5	90.4	90.4	90.5	260	218	218	166
3281	Cut stone and stone products.....	93.2	93.2	93.2	76.9	89.2	75.0	131	129	129	121
329	Nonmetallic mineral products.....	131.9	131.2	132.7	82.9	84.0	82.0	1,338	1,002	1,002	772
3291	Abrasive products.....	142.9	142.2	143.7	81.5	82.4	80.4	416	278	278	199
3292	Asbestos products.....	112.7	112.0	113.4	90.9	91.3	90.4	269	235	235	187
3293	Gaskets and insulations.....	151.9	151.0	152.8	93.5	93.2	94.1	161	105	105	87
3295	Minerals, ground or treated.....	85.5	84.9	86.2	89.3	88.7	89.8	102	116	111	97
3296	Mineral wool.....	158.8	157.4	160.1	56.2	56.5	56.0	207	133	138	97
3297	Nonclay refractories.....	133.0	133.8	132.2	83.1	83.4	82.8	129	102	102	71
3299	Nonmetallic products, n.e.c.....	167.8	168.0	167.7	113.4	117.5	109.3	53	32	32	34
33	Primary metal industries.....	131.8	131.5	132.0	102.6	103.5	101.5	15,261	11,642	11,671	9,962
331	Steel rolling and finishing.....	125.1	125.3	124.9	105.5	105.9	104.8	8,617	6,863	6,863	5,642
3312	Blast furnaces and steel mills.....	125.1	125.2	124.9	107.2	106.5	107.6	7,700	6,062	6,062	5,055
3313	Electrometallurgical products.....	121.3	121.7	121.1	113.6	88.0	88.1	146	179	179	119
3315	Steel wiredrawing, etc.....	128.6	128.3	128.9	100.7	101.3	99.8	253	196	196	144
3316	Cold finishing of steel shapes.....	159.7	165.1	154.4	82.2	81.5	82.9	224	142	142	99
3317	Steel pipe and tube.....	108.1	107.2	108.9	95.0	95.4	94.3	295	284	284	225

See footnotes at end of table.



TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
33	Primary metal industries--Continued										
332	Iron and steel foundries.....	137.6	137.4	137.9	112.1	112.5	111.7	1,960	1,322	1,322	1,333
3321	Gray iron foundries.....	132.0	131.9	132.2	112.0	112.2	111.9	1,168	811	811	851
3322	Malleable iron foundries.....	142.2	142.3	142.1	118.2	118.2	118.3	205	128	128	136
3323	Steel foundries.....	148.2	147.9	148.5	110.3	111.1	109.3	587	384	384	347
333	Primary nonferrous metal.....	141.0	138.9	143.2	98.7	100.6	96.6	1,013	709	700	587
3331	Primary copper.....	129.4	127.4	132.2	93.5	93.6	93.5	286	166	158	159
3332	Primary lead.....	65.3	64.4	66.3	87.4	89.0	85.7	25	36	36	31
3333	Primary zinc.....	117.0	115.4	118.9	96.5	97.5	95.8	99	72	72	88
3334	Primary aluminum.....	148.9	149.2	148.6	90.3	90.3	90.4	500	384	384	259
3339	Primary nonferrous metals, n.e.c.....	227.3	226.7	227.9	213.7	212.8	215.5	104	50	50	51
3341	Secondary nonferrous metals.....	135.2	136.5	133.7	98.5	98.0	99.0	228	147	147	145
335	Nonferrous rolling and drawing.....	142.4	142.0	142.7	85.1	86.2	83.9	2,128	1,687	1,726	1,389
3351	Copper rolling and drawing.....	136.4	136.4	136.5	105.8	106.2	105.5	478	445	445	411
3352	Aluminum rolling and drawing.....	154.3	153.8	154.7	70.3	71.3	69.3	721	537	537	387
3356	Rolling and drawing, n.e.c.....	132.6	133.2	132.0	78.7	82.4	74.9	251	175	175	126
3357	Nonferrous wiredrawing, etc.....	138.7	138.0	139.4	86.0	85.9	86.1	678	530	569	465
336	Nonferrous foundries.....	143.5	141.9	145.2	108.0	108.4	107.3	656	471	471	463
3361	Aluminum castings.....	162.0	160.0	164.0	102.2	102.9	101.6	344	226	226	222
3362	Brass, bronze, copper castings.....	123.7	123.3	124.1	113.4	113.6	113.1	144	110	110	111
3369	Nonferrous castings, n.e.c.....	129.8	128.7	130.9	113.5	113.6	113.2	169	135	135	130
339	Primary metal industries, n.e.c.....	150.5	150.1	150.8	104.5	106.6	102.0	659	443	442	403
3391	Iron and steel forgings.....	129.4	128.1	130.6	111.7	112.5	110.9	395	316	310	294
3392	Nonferrous forgings.....	187.9	189.3	186.3	90.0	100.1	80.4	71	37	41	34
3399	Primary metal industries, n.e.c.....	207.3	207.7	206.9	87.6	89.6	85.5	192	91	91	75
34	Fabricated metal products.....	122.7	122.6	122.8	94.1	94.9	93.2	11,791	9,432	9,412	7,862
3411	Metal cans.....	109.5	109.4	109.6	88.0	88.0	88.0	831	669	669	498
342	Cutlery, handtools, hardware.....	131.1	129.9	129.8	101.0	101.3	100.6	1,708	1,202	1,202	1,038
3421	Cutlery.....	153.8	152.7	155.1	106.6	107.0	106.4	214	126	126	120
3423	Hand and edge tools.....	121.6	121.6	121.6	107.5	108.3	106.5	364	267	267	234
3425	Handsaws and saw blades.....	111.3	111.5	111.0	125.6	124.5	127.2	66	54	54	51
3429	Hardware, n.e.c.....	132.0	132.4	131.6	96.2	96.2	96.1	1,064	755	755	633
343	Plumbing and heating, except electric.....	120.8	120.5	121.1	91.0	92.5	89.6	790	672	672	617
3431	Metal plumbing fixtures.....	115.7	115.2	116.1	92.5	93.4	91.7	140	119	119	116
3432	Plumbing fittings, brass goods.....	126.1	125.3	126.9	89.7	91.2	88.3	155	121	121	118
3433	Heating equipment, except electric.....	120.7	120.6	120.8	91.0	92.6	89.4	496	433	433	383
344	Structural metal products.....	112.7	112.6	112.8	87.5	88.6	86.3	3,220	2,963	2,963	2,312
3441	Fabricated structural steel.....	106.8	106.6	107.1	90.0	90.2	89.8	815	822	822	629
3442	Metal doors, sash, and trim.....	130.9	130.3	131.4	70.5	71.2	69.7	570	469	469	370
3443	Boiler shop products.....	103.7	104.9	102.6	94.3	95.3	93.1	770	755	755	613
3444	Sheet metalwork.....	123.6	122.9	124.3	91.6	92.5	90.5	632	516	516	394
3446	Architectural metalwork.....	82.6	81.6	83.6	87.3	88.0	86.4	149	181	401	306
3449	Miscellaneous metalwork, n.e.c.....	126.4	125.4	127.5				283	220		
345	Screw machine products, bolts, etc.....	137.3	136.5	138.3	104.8	105.0	104.6	1,054	755	755	663
3451	Screw machine products.....	137.3	136.4	138.2	90.2	110.8	110.7	359	250	250	244
3452	Bolts, nuts, rivets, and washers.....	137.4	136.5	138.3	101.8	102.1	101.4	695	505	505	420
3461	Metal stampings.....	126.8	126.6	127.0	97.2	97.7	96.8	1,369	1,049	1,049	969
347	Metal services, n.e.c.....	149.3	149.5	149.2	87.9	89.2	86.4	555	362	362	285
3471	Plating and polishing.....	143.9	143.7	144.0	100.0	100.5	99.3	370	254	254	214
3479	Metal coating, engraving, etc.....	162.0	162.6	161.3	62.4	62.9	62.0	185	108	108	71
3481	Fabricated wire products, n.e.c.....	117.8	117.2	118.3	98.9	99.5	98.4	539	440	440	413
349	Fabricated metal products, n.e.c.....	127.3	127.3	127.2	98.9	99.6	98.0	1,726	1,320	1,300	1,067
3491	Metal barrels, drums, and pails.....	119.6	119.6	119.5	108.8	108.9	108.6	120	95	95	88
3492	Safes and vaults.....	122.2	124.1	120.0	91.1	92.3	89.6	56	40	40	29
3493	Steel springs.....	123.9	124.0	123.8	143.5	144.3	142.7	69	54	54	62
3494	Valves and pipe fittings.....	123.2	123.3	123.1	98.4	99.1	97.5	943	733	716	578
3496	Collapsible tubes.....	119.1	117.3	121.1	97.2	97.9	96.3	31	25	25	22
3497	Metal foil and leaf.....	187.8	186.7	188.8	118.6	119.8	117.0	63	38	35	31
3498	Fabricated pipe and fittings.....	96.8	97.7	96.0	91.4	91.5	91.3	145	156	156	123
3499	Fabricated metal products, n.e.c.....	165.3	165.0	165.7	87.6	88.1	87.0	299	180	180	134

See footnotes at end of table.

TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Gross weights	1963 weights	1958 weights	Gross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
35	Machinery, except electrical.....	135.8	135.2	136.5	96.9	98.8	94.7	17,311	12,412	12,391	10,657
351	Engines and turbines.....	120.4	120.8	120.0	71.8	73.2	70.2	1,114	1,089	1,068	651
3511	Steam engines and turbines.....	91.4	90.3	92.2	52.0	51.6	52.4	380	569	569	280
3519	Internal combustion engines.....	148.5	146.4	150.5	96.2	97.8	94.3	734	520	499	371
3522	Farm machinery and equipment.....	118.4	118.3	118.5	84.5	87.5	81.2	1,328	1,088	1,088	791
353	Construction and like equipment.....	128.6	128.3	128.9	98.5	99.3	97.6	2,732	2,055	2,055	1,670
3531	Construction machinery.....	126.0	126.0	126.0	88.4	89.8	86.7	1,301	1,023	1,023	724
3532	Mining machinery and equipment.....	114.2	112.4	116.4	98.1	98.7	97.3	215	166	166	123
3533	Oilfield machinery.....	113.7	113.7	113.6	112.0	112.9	111.1	398	337	337	327
3534	Elevators and moving stairways.....	175.9	176.2	175.5	95.6	95.1	96.2	202	126	126	100
3535	Conveyors.....	123.5	123.7	123.2	103.0	103.4	102.6	270	193	193	175
3536	Hoists, cranes, and monorails.....	139.3	137.3	141.2	119.0	119.6	118.2	112	93	93	96
3537	Industrial trucks and tractors.....	165.2	165.1	165.2	126.1	125.8	126.6	233	118	118	124
354	Metalworking machinery.....	138.3	138.0	138.6	134.8	137.5	131.6	3,058	2,058	2,058	2,443
3541	Metal-cutting machine tools.....	159.4	159.5	159.4	189.8	198.0	180.8	699	421	421	726
3542	Metal-forming machine tools.....	133.3	134.3	132.0	173.3	176.4	170.4	281	176	176	276
3544	Special dies and tools.....	123.0	123.0	123.0	107.6	110.4	104.6	1,029	780	780	747
3545	Machine tool accessories.....	141.1	141.4	140.9	124.4	124.4	124.4	559	349	349	353
3548	Metalworking machinery, n.e.c.....	147.9	146.1	149.8	117.0	118.3	115.3	468	332	332	342
355	Special industry machinery.....	133.3	132.5	134.2	98.6	100.1	96.9	1,917	1,340	1,340	1,221
3551	Food products machinery.....	130.9	131.2	130.5	124.2	127.0	120.8	380	269	269	262
3552	Textile machinery.....	145.9	146.0	145.8	102.9	103.4	102.4	314	214	214	217
3553	Woodworking machinery.....	127.7	126.8	128.8	89.2	90.0	88.3	147	113	113	103
3554	Paper industries machinery.....	131.1	128.5	135.1	80.6	83.1	78.7	217	124	124	110
3555	Printing trades machinery.....	137.1	138.0	136.1	88.9	88.3	89.4	286	189	189	180
3559	Special industry machines, n.e.c.....	129.1	127.4	131.0	94.1	94.6	93.5	572	431	431	352
356	General industrial machinery.....	143.3	140.9	145.8	101.0	102.1	99.7	2,813	1,935	1,935	1,645
3561	Pumps and compressors.....	129.2	125.0	134.2	101.8	104.9	98.3	769	542	542	488
3562	Ball and roller bearings.....	170.2	170.4	170.1	100.2	100.4	100.0	628	408	408	329
3564	Blowers and fans.....	125.4	124.7	126.1	131.4	130.9	131.9	181	145	145	153
3565	Industrial patterns.....	146.2	144.3	148.1	122.4	124.8	119.6	113	78	78	80
3566	Power transmission equipment.....	142.1	141.6	142.5	103.2	103.0	103.4	556	384	384	333
3567	Industrial furnaces and ovens.....	133.6	130.8	137.0	104.9	105.0	104.8	143	96	96	90
3569	General industry machines, n.e.c.....	148.4	146.9	150.0	74.9	76.0	73.4	424	281	281	170
357	Office machines, n.e.c.....	157.8	156.8	158.8	70.6	72.4	68.9	1,634	971	971	720
3571	Computing and related machines.....	177.7	176.6	179.0	59.4	60.4	58.5	1,101	579	579	397
3572	Typewriters.....	133.4	132.5	134.4	87.3	88.7	85.9	243	169	169	137
3576	Scales and balances.....	124.7	124.3	125.1	89.9	90.3	89.4	64	49	49	43
3579	Office machines, n.e.c.....	123.9	123.1	124.8	91.0	91.5	90.4	225	173	173	143
358	Service industry machines.....	152.2	150.6	153.8	87.6	90.3	84.9	1,369	918	918	823
3581	Automatic vending machines.....	159.6	159.7	159.4	86.5	82.0	77.6	121	65	65	57
3582	Commercial laundry equipment.....	120.6	120.3	120.9	96.5	96.8	96.1	71	66	66	57
3585	Refrigeration machinery.....	156.2	153.8	158.7	85.8	88.5	83.5	893	598	598	564
3586	Measuring and dispensing pumps.....	134.6	134.7	134.5	132.3	134.2	129.7	92	65	65	60
3589	Service industry machines, n.e.c.....	153.9	153.1	154.7	76.3	77.6	74.9	192	125	121	81
3584	Vacuum cleaners, industrial.....				65.3	66.6	64.4				
3599	Miscellaneous machinery.....	132.2	131.7	132.8	81.4	82.4	80.3	1,366	959	959	694
36	Electrical machinery.....	164.1	163.1	165.1	89.8	90.5	89.0	17,011	10,627	10,395	8,538
361	Electric distribution products.....	121.2	120.6	121.9	91.5	92.3	90.6	1,535	1,341	1,339	1,101
3611	Electric measuring instruments.....	111.9	111.9	111.8	64.7	65.4	64.0	505	419	419	251
3612	Transformers.....	137.5	138.4	136.9	122.4	122.7	121.8	382	367	364	394
3613	Switchgear and switchboards.....	119.2	118.7	119.6	92.0	92.7	91.2	648	555	555	456
362	Electric industrial apparatus.....	141.9	141.2	142.6	110.5	110.8	109.9	1,889	1,448	1,448	1,299
3621	Motors and generators.....	139.6	138.5	140.6	118.1	118.2	117.8	993	813	813	818
3622	Industrial controls.....	162.6	161.5	163.6	114.5	114.9	114.2	451	282	282	231
3623	Electric welding apparatus.....	130.3	130.2	130.3	91.9	95.5	87.3	162	113	113	77
3624	Carbon and graphite products.....	141.8	142.0	141.6	88.8	88.8	88.7	141	102	102	65
3629	Electric industrial goods, n.e.c.....	121.0	120.0	121.8	88.2	88.6	87.8	142	138	138	107

See footnotes at end of table.



**TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued**

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
36	Electrical machinery--Continued										
363	Household appliances.....	142.6	140.3	144.7	88.8	81.8	88.5	2,098	1,549	1,549	1,359
3631	Household cooking equipment.....	131.4	131.3	131.5	109.8	109.2	110.5	230	181	181	186
3632	Household refrigerators.....	163.9	161.5	166.1	88.4	88.8	88.0	631	433	433	407
3633	Household laundry equipment.....	110.3	110.1	110.4	69.9	70.1	69.6	354	324	324	191
3634	Electric housewares and fans.....	167.7	162.2	173.1	97.8	97.8	97.7	464	301	301	293
3635	Household vacuum cleaners.....	134.8	134.5	135.1	102.4	102.7	102.0	116	84	84	85
3636	Sewing machines.....	117.3	118.6	115.3	122.5	123.3	121.7	98	62	62	70
3639	Household appliances, n.e.c.....	134.4	133.9	134.8	68.4	69.6	67.3	204	163	163	127
364	Lighting and wiring devices.....	130.8	130.2	131.4	83.2	83.5	82.9	1,560	1,183	1,177	925
3641	Electric lamps.....	130.9	129.5	132.4	89.5	89.5	89.6	362	270	270	216
3642	Lighting fixtures.....	140.1	139.7	140.6	86.4	86.4	86.3	588	397	397	334
3643	Current carrying devices.....	121.3	120.9	121.7	64.8	65.4	64.1	356	301	294	185
3644	Noncurrent carrying devices.....	126.2	125.3	127.0	95.2	95.1	95.3	254	215	215	190
365	Radio and TV receiving equipment.....	160.7	159.3	162.1	98.3	95.6	100.6	1,037	687	687	820
3651	Radio and TV receiving sets.....	168.3	167.6	169.0	102.8	101.1	104.2	912	594	594	762
3652	Phonograph records.....	117.6	117.2	118.1	64.7	60.3	69.7	125	93	93	59
366	Communication equipment.....	228.4	230.5	226.3	80.2	81.6	78.7	5,341	2,274	2,038	1,538
3661	Telephone; telegraph apparatus.....	147.4	147.4	147.5	56.5	56.4	56.5	1,014	716	741	562
3662	Radio, TV communications equipment.....	264.1	265.6	262.4	96.5	96.1	97.1	4,328	1,558	1,298	1,037
367	Electronic components.....	185.5	176.6	194.3	78.5	80.1	76.6	2,508	1,434	1,434	867
3671	Electron tubes, receiving type.....	85.4	83.4	87.6	95.7	95.9	95.5	251	286	286	205
3672	Cathode ray picture tubes.....	177.3	176.9	177.8	107.4	107.5	107.4	128	67	67	119
3673	Electron tubes, transmitting.....	115.0	111.7	118.8	72.1	73.2	70.9	205	166	166	111
3674	Semiconductors.....	384.2	372.2	392.6	71.2	74.5	66.4	467	172		
3679	Electronic components, n.e.c.....	202.6	197.3	207.8				1,457	743	915	432
369	Electrical products, n.e.c.....	141.7	141.4	141.9	100.2	101.3	99.0	1,042	711	724	629
3691	Storage batteries.....	153.5	151.3	155.9	93.5	93.5	93.6	244	150	150	129
3692	Primary batteries, dry and wet.....	147.5	147.6	147.3	109.8	108.6	111.9	114	75	75	58
3693	X-ray apparatus and tubes.....	141.7	140.2	143.3	129.5	130.4	128.5	87	58	58	57
3694	Engine electrical equipment.....	140.6	142.0	139.1	103.4	104.2	102.6	497	354	367	337
3699	Electrical products, n.e.c.....	118.2	116.3	120.4	69.3	72.6	66.0	101	74	74	48
37	Transportation equipment.....	140.9	141.2	140.5	106.2	106.3	105.9	22,766	15,283	15,284	13,481
371	Motor vehicles and equipment.....	172.4	172.6	172.2	118.9	119.3	118.3	12,781	6,751	6,751	6,225
3713	Truck and bus bodies.....	151.2	151.1	151.2	98.3	99.2	97.3	229	146	146	120
3715	Truck trailers.....	150.5	149.2	151.9	107.3	108.2	106.2	205	131	131	116
3717	Motor vehicles and parts.....	173.3	173.5	173.1	119.6	120.0	119.2	12,346	6,474	6,474	5,989
372	Aircraft and parts.....	112.0	111.2	112.8	101.3	100.2	102.7	7,867	6,924	6,924	6,021
3721	Aircraft.....	104.2	103.6	104.8	106.5	104.4	109.2	3,543	3,399	3,399	3,140
3722	Aircraft engines and parts.....	129.6	128.1	131.4	97.8	97.9	97.8	2,244	1,616	1,616	1,435
3723	Aircraft propellers and parts.....	95.7	94.4	97.0	109.5	110.5	108.3	113	112	112	99
3729	Aircraft equipment, n.e.c.....	111.2	110.4	112.1	93.9	93.6	94.3	1,967	1,797	1,797	1,345
373	Ship and boat building.....	114.0	114.3	113.6	69.5	70.1	69.0	1,193	1,071	1,071	779
3731	Ship building and repairing.....	114.8	115.2	114.4	70.9	71.4	70.4	1,010	914	914	693
3732	Boat building and repairing.....	109.5	109.9	109.1	60.8	62.1	59.4	183	157	157	86
374	Railroad equipment.....	150.2	150.3	150.1	117.2	113.0	122.5	541	320	320	328
3741	Locomotives and parts.....	117.7	116.5	119.0	123.2	122.4	124.1	186	152	152	164
3742	Railroad and street cars.....	177.7	177.3	178.2	112.0	104.4	120.9	355	168	168	164
3751	Motorcycles, bicycles, and parts.....	168.4	168.1	168.7	75.1	75.4	74.7	82	52	52	40
379	Transportation equipment, n.e.c.....	158.5	157.8	159.3	57.4	58.2	56.6	301	165	166	88
3791	Trailer coaches.....	155.1	154.4	155.9	51.9	51.8	51.9	232	128	128	67
3799	Transportation equipment, n.e.c.....	170.6	170.3	174.5	79.2	79.4	78.8	69	37	38	21
38	Instruments and related products.....	138.6	137.7	139.5	83.9	84.6	83.1	3,992	2,781	2,906	2,153
3811	Scientific instruments.....	73.1	73.2	73.0	65.8	66.7	64.9	359	481	607	359
382	Mechanical measuring devices.....	151.2	151.1	151.3	94.4	94.6	94.2	1,112	716	716	554
3821	Mechanical measuring devices.....	157.0	156.9	157.2	89.1	89.4	88.7	733	457	457	342
3822	Automatic temperature controls.....	141.0	141.1	140.9	104.1	103.6	104.7	379	259	259	212

See footnotes at end of table.

TABLE 3. Production Indexes and Weight Data for Manufacturing Industries, 1963 and 1954--Continued

(The indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with value-added weights						Current-dollar weight data			
		1963 (1958 = 100)			1954 (1958 = 100)			Value added by manufacture (millions of dollars)			
		Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights	1963	1958 <sup>1</sup>	1958 <sup>2</sup>	1954 <sup>3</sup>
38	Instruments and related products--Con.										
3831	Optical instruments and lenses.....	200.9	197.5	204.7	100.7	99.7	101.9	132	60	60	55
384	Medical instruments and supplies.....	149.2	146.7	151.8	81.2	81.7	80.6	635	414	414	282
3841	Surgical and medical instruments.....	216.0	207.8	223.9	65.9	67.7	64.1	169	85	85	51
3842	Surgical appliances and supplies.....	136.8	136.5	137.1	84.5	84.9	83.8	370	258	258	177
3843	Dental equipment and supplies.....	119.1	119.2	119.1	85.3	85.0	85.8	96	72	72	53
3851	Ophthalmic goods.....	132.8	132.6	132.9	74.9	77.4	72.4	178	137	137	107
3861	Photographic equipment.....	153.7	153.3	154.0	84.4	85.3	83.5	1,270	789	789	596
387	Watches, clocks, and watchcases.....	152.1	145.1	160.2	109.3	109.0	109.5	307	184	184	201
3871	Watches and clocks.....	158.3	150.8	167.5	109.1	108.6	109.4	288	165	165	182
3872	Watchcases.....	93.7	92.9	94.6	111.9	113.3	110.5	19	18	18	19
39	Miscellaneous manufacturing.....	131.4	131.2	131.5	86.3	86.8	85.8	3,562	2,676	2,694	2,196
391	Jewelry and silverware.....	133.2	131.8	134.5	101.9	103.3	100.5	416	317	323	302
3931	Musical instruments and parts.....	137.3	139.3	135.1	76.5	76.9	76.1	179	121	132	103
394	Toys and sporting goods.....	135.4	135.6	135.2	71.4	71.5	71.4	978	712	712	469
3941	Games and toys.....	149.6	149.8	149.3	74.2	74.1	74.3	444	289	289	207
3942	Dolls.....	154.5	153.4	155.8	97.8	97.9	97.8	138	77	77	66
3943	Children's vehicles.....	112.5	112.3	112.6	123.9	124.1	123.8	35	32	32	35
3949	Sporting and athletic goods.....	119.2	118.9	119.4	57.1	57.2	56.9	361	314	314	160
395	Pens, pencils, and office supplies.....	143.8	141.8	145.9	80.1	81.1	79.2	338	237	237	202
3951	Pens and mechanical pencils.....	139.4	136.5	142.3	74.5	74.4	74.6	119	90	90	85
3952	Lead pencils and art goods.....	121.9	121.6	122.3	104.1	104.9	103.0	65	48	48	42
3953	Marking devices.....	221.2	218.1	224.1	85.8	86.4	85.2	86	40	40	35
3955	Carbon paper and inked ribbons.....	117.2	116.8	117.5	67.9	68.3	67.6	68	59	59	40
396	Costume jewelry and notions.....	122.6	123.5	121.7	96.1	97.6	94.6	415	338	338	318
3961	Costume jewelry.....	110.2	110.4	110.0	98.5	98.6	98.3	151	138	138	132
3962	Artificial flowers.....	88.5	89.0	88.0	82.4	83.0	81.8	29	35	35	30
3963	Buttons.....	121.5	121.5	121.5	113.5	115.5	111.5	44	38	38	38
3964	Needles, pins, and fasteners.....	145.1	146.5	143.7	92.7	95.3	90.0	191	128	128	118
398	Miscellaneous manufactures, part one.....	115.4	114.6	116.2	91.1	90.9	91.4	531	438	438	374
3981	Brooms and brushes.....	113.9	113.0	114.8	84.2	83.2	85.3	168	137	137	101
3982	Hard surface floor coverings.....	111.9	112.0	111.7	107.9	107.6	108.1	119	93	93	103
3983	Matches.....	98.0	98.0	98.0	108.5	109.3	107.4	39	42	42	36
3984	Candles.....	138.5	137.5	139.6	95.2	95.3	95.1	26	18	18	17
3987	Lamp shades.....	110.8	110.0	111.6	121.4	121.4	121.5	20	19	19	22
3988	Morticians' goods.....	122.5	120.9	124.2	75.9	76.2	76.6	158	129	129	95
399	Miscellaneous manufactures, part two.....	137.3	137.8	136.7	91.6	92.1	91.2	706	514	514	428
3992	Furs, dressed and dyed.....	165.0	193.6	146.6	106.5	106.5	106.5	30	24	24	24
3993	Signs and advertising displays.....	140.3	140.2	140.4	87.1	87.1	87.1	407	281	281	220
3995	Umbrellas, parasols, and canes.....	106.5	106.9	106.0	97.3	97.8	96.6	16	17	17	15
3999	Miscellaneous products, n.e.c.....	132.4	132.1	132.6	95.9	97.0	94.6	252	192	192	170
19	Ordnance and accessories.....	133.3	132.5	134.2	110.4	125.0	95.0	2,883	1,953	2,060	1,865

<sup>1</sup>Comparable with the industry classifications used in the 1963 census; includes Alaska and Hawaii in most industries where the inclusion of those States makes a significant difference.

<sup>2</sup>Uses industry classifications of 1958 census; excludes Alaska and Hawaii.

<sup>3</sup>Comparable with the industry classifications used in the 1958 census; excludes Alaska and Hawaii. Converted from the 1954 industry classification, using in most cases formulas derived from the 1958 composition of value added in the "new (1958) code" industries in terms of the "old (1954) code" industries shown in appendix C of the 1958 Census of Manufactures.



**TABLE 4. Total Manufacturing: Indexes of Production and Related Variables, 1963 and 1954**

(The indexes for 1958 are 100.0 in every case)

Type of index	1963 (1958 = 100)			1954 (1958 = 100)		
	Cross weights	1963 weights	1958 weights	Cross weights	1958 weights	1954 weights
Index of production, value-added weights.....	133.0	132.4	133.7	91.2	92.3	89.9
Indexes of production with special-purpose weights:						
Value of shipments.....	132.4	131.7	133.0	91.8	92.7	90.8
Total employment.....	130.2	129.1	131.1	92.2	93.5	90.9
Total payroll.....	131.8	131.0	132.5	92.6	93.9	91.2
Production worker man-hours.....	130.0	129.0	130.9	92.5	93.7	91.4
Total energy used (KWH equivalent)... (NA)	(NA)	(NA)	(NA)	92.3	93.0	91.7
Electric energy used.....	131.6	131.5	131.7	86.9	87.2	86.7
Gross value of capital assets..... (NA)	(NA)	(NA)	(NA)	(NA)	94.3	(NA)
Capital expenditures.....	135.6	135.1	136.0	90.5	91.4	89.5
Indexes of output per employee:						
Value-added weights.....	126.0	125.4	126.6	89.4	90.5	88.2
Employment weights.....	123.4	122.3	124.2	90.4	91.7	89.1
Indexes of output per production worker man-hour:						
Value-added weights.....	122.9	122.3	123.5	84.5	85.5	83.4
Man-hour weights.....	120.2	119.2	120.9	85.8	86.8	84.7
Indexes of output per unit of energy used:						
Value-added weights..... (NA)	(NA)	(NA)	(NA)	99.4	98.0	100.7
Total energy weights..... (NA)	(NA)	(NA)	(NA)	100.7	101.4	100.0
Indexes of output per kilowatt hour of electricity:						
Value-added weights..... <sup>1</sup> 105.1	(NA)	(NA)	(NA)	<sup>2</sup> 117.4	118.8	115.7
Electric energy weights..... <sup>1</sup> 104.0	(NA)	(NA)	(NA)	<sup>2</sup> 111.8	112.2	111.5
Indexes of unit value:						
Value of shipments per unit shipped..	98.1	97.7	98.6	93.5	94.3	92.5
Value added per unit of output.....	102.1	101.6	102.7	91.4	92.6	90.2
Indexes of payroll per unit of output:						
Value-added weights.....	95.0	94.5	95.5	94.0	95.3	92.9
Payroll weights.....	95.8	95.3	96.5	92.7	94.0	91.3

<sup>1</sup>Excluding government-owned, privately-operated plants in industry 2819, Inorganic Chemicals, N.E.C., the 1963 indexes become 98.6 with value-added weights and 99.7 when kilowatt-hour weights are applied.

<sup>2</sup>Excluding government-owned, privately-operated plants in industry 2819, Inorganic Chemicals, N.E.C., the 1954 indexes become 106.7 with value-added weights and 106.6 when kilowatt-hour weights are applied.

TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
	Total manufacturing.....	132.4	91.8	130.2	92.2	131.8	92.6	130.0	92.5	131.6	86.9	98.1	93.5	102.1	91.4
	Durable manufacturing.....	138.3	98.5	134.8	96.5	135.8	97.0	134.2	96.8	135.1	97.2	98.9	88.8	102.1	87.9
	Nondurable manufacturing.....	126.5	85.4	124.5	86.9	125.8	83.5	124.7	87.2	128.9	79.3	97.3	98.4	102.0	96.1
	MAJOR MARKET CATEGORIES														
1	Home goods and apparel.....	128.2	90.3	123.5	90.5	124.6	91.1	123.5	90.2	131.0	90.6	100.0	98.3	103.3	97.0
2	Consumer staples.....	120.6	84.6	120.0	85.0	120.0	85.2	120.8	84.9	118.6	85.9	98.3	97.9	104.6	93.0
3	Equipment and defense items, except automotive.....	137.3	96.7	135.9	95.1	138.5	95.0	138.5	95.0	134.4	97.8	98.5	89.1	102.4	89.3
4	Automotive equipment.....	170.6	113.5	160.8	110.1	162.3	111.6	161.8	110.5	161.8	110.4	98.2	86.4	106.9	78.9
5	Construction material, supplies and intermediate products.....	122.4	90.7	121.0	92.4	121.7	91.4	120.9	92.6	117.3	91.2	99.5	91.4	101.3	93.6
6	Other materials and supplies and intermediate products.....	133.6	91.1	133.5	92.4	133.8	92.4	133.0	92.8	132.9	85.0	97.0	93.2	99.8	91.5
	MAJOR INDUSTRY GROUPS														
20	Food and kindred products.....	118.2	85.7	117.6	86.3	116.9	86.3	118.8	86.2	116.6	89.0	97.2	98.9	104.4	92.6
21	Tobacco manufactures.....	114.4	92.8	110.2	95.4	111.3	93.1	110.6	94.9	114.2	92.2	102.2	94.0	103.8	82.3
22	Textile mill products.....	128.2	91.3	121.1	92.3	122.4	92.4	121.2	92.5	121.1	94.2	99.7	104.0	100.4	103.0
23	Apparel and related products.....	123.4	91.4	121.6	91.2	121.2	92.0	121.8	90.7	123.6	90.7	102.2	99.2	107.1	94.7
24	Lumber and wood products.....	121.9	98.9	119.9	100.3	122.0	98.4	120.1	100.3	120.6	99.4	100.3	98.8	102.4	105.0
25	Furniture and fixtures.....	122.6	89.0	124.2	89.0	124.3	88.6	124.8	88.7	125.3	90.0	103.4	92.4	105.4	92.8
26	Paper and allied products.....	131.0	85.2	129.6	85.2	130.0	85.2	129.4	85.2	130.4	86.0	96.9	92.5	99.6	95.4
27	Printing and publishing.....	121.7	84.7	121.1	84.9	120.9	85.1	121.7	83.7	120.6	85.5	106.2	94.2	108.4	94.0
28	Chemicals and allied products.....	150.7	76.0	149.0	78.4	149.8	77.8	149.1	79.4	132.4	71.8	91.4	101.4	93.9	100.3
29	Petroleum and coal products.....	123.1	86.8	124.6	86.6	124.4	86.6	124.0	86.5	123.2	85.7	94.8	96.4	117.6	103.4
30	Rubber and plastics products, n.e.c.....	154.2	80.6	159.1	79.1	156.3	80.2	160.0	78.7	151.2	82.8	89.6	99.5	91.7	97.7
31	Leather and leather products.....	101.8	93.9	102.7	92.9	102.1	93.3	102.7	93.0	98.4	96.0	106.1	96.8	107.4	94.8
32	Stone, clay, and glass products.....	126.0	85.5	124.4	88.8	124.9	88.5	124.0	89.0	118.0	89.0	100.8	89.6	102.0	88.6
33	Primary metal industries.....	131.9	101.5	132.0	103.1	131.8	103.2	132.1	102.0	136.6	97.5	98.9	86.3	99.5	83.3
34	Fabricated metal products.....	121.5	93.8	122.5	94.1	122.4	94.3	122.7	94.2	123.7	95.0	100.2	86.0	101.9	88.9
35	Machinery, except electrical.....	136.4	96.3	137.1	96.7	137.1	97.5	136.4	96.6	135.9	96.0	100.4	88.0	102.6	89.0
36	Electrical machinery.....	162.9	90.7	166.0	89.3	169.0	89.7	162.7	89.3	156.8	91.7	95.0	93.9	97.4	91.5
37	Transportation equipment.....	149.8	110.5	134.2	104.0	134.1	104.3	137.0	104.9	145.2	108.0	98.2	86.6	105.8	83.1
38	Instruments and related products.....	137.5	84.6	132.7	83.7	132.1	83.7	132.1	84.0	138.0	84.0	101.8	88.9	103.5	88.4
39	Miscellaneous manufacturing.....	131.4	86.2	131.0	86.5	131.3	86.9	130.6	86.6	129.2	89.0	100.0	95.0	101.3	94.6
19	Ordinance and accessories.....	135.1	113.4	131.2	117.4	133.3	109.9	127.6	120.6	137.4	134.8	96.2	91.2	110.5	82.6
20	Food and kindred products.....	118.2	85.7	117.6	86.3	116.9	86.3	118.8	86.2	116.6	89.0	97.2	98.9	104.4	92.6
201	Meat products.....	119.7	86.8	122.1	86.2	120.8	88.5	122.3	85.8	120.2	88.7	88.3	95.2	95.6	88.0
2011	Meat slaughtering plants.....	117.4	93.2	116.7	95.1	117.0	94.8	116.7	95.1	(NA)	(NA)	88.7	92.1	93.9	83.3
2013	Meat processing plants.....	121.9	74.2	128.6	79.3	128.7	79.0	128.4	79.3	(NA)	(NA)	84.6	94.0	98.7	88.0
2015	Poultry dressing plants.....	131.6	63.5	134.1	63.3	133.9	63.1	134.3	63.2	(NA)	(NA)	90.1	120.5	99.9	119.3
202	Dairies.....	110.7	84.2	109.4	82.5	109.2	82.1	111.0	83.5	110.0	82.8	100.3	98.1	101.0	97.5
2021	Creamery butter.....	96.9	95.6	96.4	96.0	96.8	94.5	97.6	95.7	(NA)	(NA)	99.9	103.6	92.0	103.0
2022	Natural and process cheese.....	129.0	77.1	130.1	79.2	129.8	79.3	130.7	79.1	(NA)	(NA)	104.2	98.6	104.2	95.1
2025	Special dairy products.....	126.9	126.9	132.6	132.6	131.9	131.9	133.9	133.9	(NA)	(NA)	98.7	97.8	104.2	118.6
2023	Condensed and evaporated milk.....	118.9	96.2	120.2	91.7	119.6	92.0	119.5	91.5	(NA)	(NA)	96.7	98.4	99.0	90.0
2024	Ice cream and frozen desserts.....	115.6	78.3	114.7	77.8	114.8	77.8	114.3	77.9	(NA)	(NA)	98.7	103.1	96.2	108.3
2026	Fluid milk.....	108.6	81.1	107.3	80.8	107.2	80.8	107.9	81.1	(NA)	(NA)	100.5	96.4	102.6	95.6
203	Canned and frozen foods.....	125.8	78.1	125.6	80.0	126.3	79.6	125.5	79.6	133.8	74.5	101.5	94.1	111.5	88.7
2031	Canned and cured seafoods.....	107.3	114.5	103.7	112.4	103.1	112.1	103.4	112.1	(NA)	(NA)	103.3	92.4	128.8	112.2
2032	Canned specialties.....	136.5	77.6	130.6	78.1	133.8	78.2	130.2	78.1	(NA)	(NA)	100.8	96.2	116.9	87.5
2033	Canned fruits and vegetables.....	115.2	77.7	114.9	79.7	115.4	79.5	114.2	79.6	(NA)	(NA)	101.9	96.9	105.1	86.4
2034	Dehydrated foods products.....	132.3	91.7	132.8	92.9	132.5	92.9	127.1	92.9	(NA)	(NA)	94.5	80.8	116.4	79.7
2035	Pickles, sauces, salad dressings.....	128.0	87.5	131.7	88.2	130.7	88.1	131.7	88.6	(NA)	(NA)	100.7	95.6	116.0	86.4
2036	Fresh or frozen packaged fish.....	122.5	78.3	122.2	83.1	122.3	80.8	122.5	82.0	(NA)	(NA)	102.2	73.4	117.7	84.0
2037	Frozen fruits and vegetables.....	146.3	60.0	159.5	60.5	157.6	60.2	159.1	60.6	(NA)	(NA)	102.6	96.0	110.3	90.0
204	Grain mills.....	121.2	87.8	123.2	87.3	122.8	87.4	122.6	87.6	118.0	86.7	97.7	105.0	97.9	90.9
2041	Flour mills.....	104.1	88.4	101.9	86.5	101.6	86.7	102.7	86.7	(NA)	(NA)	100.1	108.5	95.3	97.3
2042	Prepared animal feeds.....	126.0	86.3	127.8	86.3	128.2	86.4	127.9	86.5	(NA)	(NA)	95.1	106.7	95.6	92.6
2043	Cereal preparations.....	133.8	90.4	134.1	88.0	135.9	87.3	133.8	88.1	(NA)	(NA)	105.8	91.1	107.8	83.9
2044	Rice milling.....	144.7	89.8	153.0	95.1	152.8	95.1	152.9	95.1	(NA)	(NA)	94.3	97.8	99.9	87.6
2045	Blended and prepared flour.....	154.5	96.7	152.8	97.8	151.8	97.8	151.2	99.4	(NA)	(NA)	99.1	98.9	99.2	92.8
2046	Wet corn milling.....	118.5	86.9	119.5	87.2	118.2	87.1	117.2	87.0	(NA)	(NA)	99.4	100.9	97.9	82.2

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
20	Food and kindred products--Continued														
205	Bakery products.....	109.4	89.4	108.0	89.6	108.0	89.8	108.1	89.5	108.7	89.9	101.9	92.5	105.8	87.4
2051	Bread and related products.....	107.4	88.8	106.5	89.5	106.7	89.9	106.1	89.4	(NA)	(NA)	102.3	91.9	106.9	86.4
2052	Biscuit, crackers, and cookies.....	117.5	91.8	116.5	89.8	116.9	90.1	116.7	89.8	(NA)	(NA)	100.1	95.1	101.6	91.6
206	Sugar.....	121.5	91.6	130.1	91.0	126.3	91.0	131.0	91.0	136.1	90.1	120.8	93.8	120.5	86.8
2061	Raw cane sugar.....	168.1	99.4	168.6	98.3	168.4	98.7	168.7	98.1	(NA)	(NA)	130.2	93.0	118.7	81.8
2062	Cane sugar refining.....	107.0	92.9	106.7	92.9	106.7	92.9	106.7	92.9	(NA)	(NA)	122.8	93.5	129.0	77.6
2063	Beet sugar.....	137.4	86.7	138.6	86.2	138.6	86.2	138.6	86.2	(NA)	(NA)	111.5	94.7	111.0	101.2
207	Candy and related products.....	118.2	90.4	117.8	88.1	117.4	88.2	117.8	88.2	119.0	90.3	98.7	97.9	109.4	90.7
2071	Confectionery products.....	115.5	86.9	117.4	86.0	116.8	85.8	117.1	86.1	(NA)	(NA)	102.8	98.0	107.3	98.5
2072	Chocolate and cocoa products.....	130.7	94.3	130.6	96.7	130.7	95.6	130.9	96.6	(NA)	(NA)	83.2	102.8	105.4	65.8
2073	Chewing gum.....	109.7	106.0	104.1	103.7	103.1	102.8	105.3	105.5	(NA)	(NA)	111.6	85.3	126.3	86.2
208	Beverages.....	119.3	89.4	118.1	89.9	117.7	90.6	117.8	89.8	115.2	91.2	107.3	96.2	109.4	97.5
2082	Malt liquors.....	114.6	96.0	114.1	95.9	114.0	95.9	114.1	95.9	(NA)	(NA)	101.9	98.3	101.2	103.5
2083	Malt.....	91.3	102.4	93.5	102.4	93.5	102.4	93.5	102.4	(NA)	(NA)	100.0	104.1	85.4	89.2
2084	Wines and brandy.....	126.3	69.0	126.7	68.5	127.3	68.6	126.1	68.4	(NA)	(NA)	107.9	98.0	94.4	128.0
2085	Distilled liquor, except brandy.....	118.6	78.9	118.5	79.6	118.6	79.4	118.7	79.7	(NA)	(NA)	99.3	99.2	116.2	97.2
2086	Bottled and canned soft drinks.....	118.7	89.2	118.1	88.7	118.0	88.7	118.3	88.7	(NA)	(NA)	120.2	88.7	120.8	82.6
2087	Flavorings.....	149.7	89.8	150.9	92.6	153.2	92.3	147.0	92.4	(NA)	(NA)	105.1	100.0	106.5	92.9
209	Miscellaneous foods and kindred products.....	121.8	81.9	123.4	88.7	123.8	87.1	124.0	89.5	109.0	101.3	92.4	113.8	105.4	99.1
2091	Cottonseed oil mills.....	127.5	123.8	125.2	128.9	125.7	128.0	125.5	129.4	(NA)	(NA)	107.3	117.0	126.2	137.7
2092	Soybean oil mills.....	127.2	59.5	124.2	62.6	126.3	63.2	123.8	62.1	(NA)	(NA)	107.4	126.6	86.2	111.7
2093	Vegetable oil mills, n.e.c.....	83.8	129.4	80.9	128.5	83.3	130.5	85.1	129.2	(NA)	(NA)	90.1	110.7	119.9	89.4
2094	Animal and marine fats and oils.....	137.0	88.3	143.0	84.3	142.3	83.0	144.7	84.2	(NA)	(NA)	88.3	90.0	89.6	92.2
2095	Roasted coffee.....	117.8	117.5	131.5	116.7	127.7	120.1	134.5	114.9	(NA)	(NA)	78.7	96.7	108.1	77.2
2096	Shortening and cooking oils.....	125.1	87.4	125.4	85.1	123.9	85.0	126.7	86.4	(NA)	(NA)	85.4	108.7	95.6	122.5
2097	Manufactured ice.....	70.5	132.6	70.8	132.6	70.8	132.6	70.8	132.6	(NA)	(NA)	116.2	172.1	118.5	86.8
2098	Macaroni and spaghetti.....	113.7	85.8	115.2	86.7	115.3	86.7	114.9	86.5	(NA)	(NA)	108.1	100.1	124.1	90.4
2099	Food preparations, n.e.c.....	129.4	75.5	135.2	77.3	134.0	77.1	133.7	77.7	(NA)	(NA)	99.3	117.1	108.9	93.7
21	Tobacco manufactures.....	114.4	92.8	110.2	95.4	111.3	93.1	110.6	94.9	114.2	92.2	102.2	94.0	103.8	82.3
2111	Cigarettes.....	120.9	80.1	123.5	80.0	123.0	80.3	122.7	79.9	(NA)	80.6	101.6	95.3	102.3	80.1
2121	Cigars.....	103.2	94.1	102.4	93.1	102.4	93.1	102.5	93.1	(NA)	93.1	97.7	102.5	103.0	98.7
2131	Chewing and smoking tobacco.....	68.7	111.0	68.1	109.2	68.1	108.9	68.1	109.3	(NA)	108.8	116.0	84.2	125.4	84.9
2141	Tobacco stemming and redrying.....	113.1	114.3	112.6	133.5	112.5	129.5	112.7	132.8	(NA)	130.5	102.9	90.9	107.1	71.7
22	Textile mill products.....	128.2	91.3	121.1	92.3	122.4	92.4	121.2	92.5	121.1	94.2	99.7	104.0	100.4	103.0
2211	Weaving mills, cotton.....	111.1	102.1	110.5	101.7	110.8	101.3	110.6	101.6	(NA)	101.2	102.7	102.8	105.2	104.1
2221	Weaving mills, synthetics.....	142.2	84.9	143.7	85.7	143.9	84.5	143.4	86.3	(NA)	(NA)	99.9	109.5	98.2	104.0
2231	Weaving, finishing mills, wool.....	106.1	104.6	106.4	103.5	106.2	104.4	106.5	103.0	(NA)	(NA)	104.1	105.3	108.4	97.1
2241	Narrow fabric mills.....	120.5	91.4	118.0	91.3	118.3	91.5	118.0	91.2	(NA)	(NA)	96.0	95.6	101.9	95.3
225	Knitting mills.....	133.3	83.5	124.2	85.3	128.9	84.9	125.0	84.9	144.6	86.0	97.0	103.1	96.4	102.0
2251	Full-fashioned hosiery mills.....	118.4	124.4	115.0	122.8	120.7	122.9	116.0	121.5	(NA)	(NA)	95.7	122.8	86.0	129.0
2252	Seamless hosiery mills.....		74.0		74.1		71.6		73.1	(NA)	(NA)		98.6		99.0
2253	Knit outerwear mills.....	128.7	72.2	129.9	73.1	129.2	72.8	128.9	73.2	(NA)	(NA)	99.9	98.5	107.8	96.1
2254	Knit underwear mills.....	113.9	91.7	115.1	92.6	114.8	92.9	115.1	92.7	(NA)	(NA)	102.6	94.8	102.2	83.8
2256	Knit fabric mills.....	183.4	75.1	182.7	75.0	182.7	75.2	182.7	75.2	(NA)	(NA)	92.3	103.8	93.9	100.9
2259	Knitting mills, n.e.c.....	135.0	102.4	138.7	104.2	138.9	104.2	138.8	104.2	(NA)	(NA)	99.4	91.2	100.8	86.0
226	Textile finishing, except wool.....	136.6	97.4	113.2	98.8	113.0	99.0	112.9	98.6	119.3	98.5	96.9	97.3	106.7	103.3
2261	Finishing plants, cotton.....	131.8	93.7	119.9	94.9	117.4	95.0	118.5	94.8	(NA)	(NA)	95.4	95.5	94.3	101.7
2262	Finishing plants, synthetic.....	154.8	102.8	152.1	106.6	150.0	106.2	151.0	106.1	(NA)	(NA)	100.5	100.8	102.2	105.6
2269	Finishing plants, n.e.c.....	132.9	105.8	131.7	106.4	131.6	106.5	131.7	106.4	(NA)	(NA)	98.3	99.5	106.7	106.6
227	Floor covering mills.....	171.1	75.6	146.4	77.9	137.9	79.9	147.5	77.7	143.9	82.6	95.7	109.5	93.3	112.9
2271	Woven carpets and rugs.....	93.0	111.9	94.9	112.0	91.5	112.2	95.0	111.7	(NA)	(NA)	103.2	99.6	101.0	99.9
2272	Tufted carpets and rugs.....	277.1	40.0	267.5	40.0	267.8	40.2	267.7	40.0	(NA)	(NA)	91.6	127.1	87.2	141.4
2279	Carpets and rugs, n.e.c.....	61.5	86.1	64.3	84.9	63.3	85.0	64.1	84.8	(NA)	(NA)	90.0	102.7	106.5	93.3
228	Yarn and thread mills.....	135.9	82.0	125.9	84.2	127.0	83.9	126.3	84.2	129.3	83.0	100.0	107.9	96.9	107.2
2281	Yarn mills, except wool.....	130.1	82.4	124.9	82.6	126.5	82.6	125.2	82.6	(NA)	(NA)	96.8	104.1	97.1	102.0
2282	Throwing and winding mills.....	174.9	66.5	159.7	83.8	159.0	81.6	159.3	84.8	(NA)	(NA)	104.9	111.5	82.8	131.6
2283	Wool yarn mills.....	150.6	77.9	150.2	79.0	149.7	78.4	150.6	79.0	(NA)	(NA)	103.2	118.9	87.2	112.4
2284	Thread mills.....	102.1	103.3	99.3	103.6	100.3	103.5	99.5	103.4	(NA)	(NA)	106.1	106.5	114.8	97.7

See footnotes at end of table.



TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
22	Textile mill products--Continued														
229	Miscellaneous textile goods.....	121.1	96.2	118.5	96.2	122.7	96.1	117.6	96.7	115.3	94.9	101.6	106.4	100.0	99.0
2291	Felt goods, n.e.c.....	139.9	111.7	140.7	107.0	140.4	107.2	139.2	107.0	(NA)	(NA)	101.1	95.4	95.8	89.4
2292	Lace goods.....	73.2	88.3	73.3	88.3	73.3	88.3	73.3	88.3	(NA)	(NA)	118.7	114.2	125.3	124.2
2293	Padding and upholstery filling.....	111.9	105.1	112.6	105.2	112.6	105.1	111.9	105.2	(NA)	(NA)	100.1	106.2	101.4	104.0
2294	Processed textile waste.....	101.3	122.4	103.5	122.4	103.5	122.3	103.5	122.5	(NA)	(NA)	94.2	85.8	96.2	84.7
2295	Coated fabric, not rubberized.....	174.0	88.6	179.1	88.0	177.1	88.6	177.6	89.2	(NA)	(NA)	101.1	97.8	100.6	90.4
2296	Tire cord and fabric.....	101.7	91.5	99.5	90.5	99.6	90.7	99.2	90.5	(NA)	(NA)	99.5	109.2	103.6	108.0
2297	Scouring and combing plants.....	123.3	102.1	123.9	102.7	123.5	102.6	123.8	102.7	(NA)	(NA)	115.3	114.3	101.9	90.7
2298	Cordage and twine.....	104.9	105.7	106.8	106.1	106.0	106.4	106.6	105.9	(NA)	(NA)	99.6	107.0	83.2	105.6
2299	Textile goods, n.e.c.....	126.2	76.5	127.4	77.3	125.9	77.1	127.9	77.5	(NA)	(NA)	101.3	102.1	103.5	97.3
23	Apparel and related products.....	123.4	91.4	121.6	91.2	121.2	92.0	121.8	90.7	123.6	90.7	102.2	99.2	107.1	94.7
2311	Men's and boys' suits and coats.....	114.1	93.7	114.6	89.7	114.4	90.6	114.6	89.3	(NA)	91.9	104.3	96.6	113.2	89.4
232	Men's and boys' furnishings.....	128.8	91.0	126.9	92.3	127.8	92.3	126.9	92.0	130.3	89.0	104.1	97.5	111.4	92.4
2321	Men's dress shirts and nightwear.....	126.7	98.6	126.2	92.1	127.1	92.9	126.2	91.6	(NA)	(NA)	105.6	96.6	112.2	92.2
2322	Men's and boys' underwear.....	126.4	76.4	126.5	69.1	126.5	68.6	126.5	69.2	(NA)	(NA)	104.1	92.9	119.7	88.6
2323	Men's and boys' neckwear.....	121.1	113.4	120.9	113.4	120.9	113.4	120.9	113.4	(NA)	(NA)	98.0	93.0	98.3	89.4
2327	Separate trousers.....	182.1	86.5	181.7	89.6	181.8	89.6	181.5	89.6	(NA)	(NA)	100.0	102.8	100.6	97.1
2328	Work clothing.....	112.7	89.3	115.1	98.4	115.5	97.3	115.1	98.4	(NA)	(NA)	106.2	97.6	112.3	89.9
2329	Men's and boys' clothing, n.e.c.....	104.0	78.1	103.0	88.8	104.2	88.6	102.6	89.0	(NA)	(NA)	104.3	95.2	117.7	93.9
233	Women's and misses' outerwear.....	123.1	91.8	123.8	92.0	122.5	93.5	124.1	91.1	122.5	93.5	102.1	99.4	104.3	95.1
2331	Blouses.....	129.8	89.9	129.4	86.4	130.3	87.5	129.5	85.9	(NA)	(NA)	103.7	96.4	115.2	97.6
2335	Dresses.....	117.1	94.1	117.2	95.2	117.1	95.7	117.3	93.6	(NA)	(NA)	100.6	95.6	103.9	89.9
2337	Women's suits, coats, and skirts.....	119.9	99.0	121.7	100.5	120.4	101.6	122.0	100.0	(NA)	(NA)	103.2	104.2	102.9	101.4
2339	Women's outerwear, n.e.c.....	149.0	66.8	150.0	70.6	149.3	69.8	150.1	70.6	(NA)	(NA)	103.5	106.6	100.5	100.5
234	Women's and children's underwear.....	121.5	89.7	118.3	92.1	118.4	92.8	118.3	91.8	120.0	91.7	100.8	102.0	103.3	92.8
2341	Women's and children's underwear.....	120.8	90.4	120.9	85.3	121.0	87.0	120.9	84.9	(NA)	(NA)	99.2	105.6	102.2	96.0
2342	Corsets and allied garments.....	122.7	88.3	122.4	106.5	122.1	103.0	122.5	107.8	(NA)	(NA)	103.4	95.7	102.6	88.5
235	Millinery, hats, and caps.....	93.0	99.1	94.0	99.1	93.5	98.8	94.2	98.9	94.3	99.0	100.0	97.5	99.0	97.0
2351	Millinery.....	86.5	88.4	86.6	88.2	86.5	88.2	86.6	88.2	(NA)	(NA)	99.4	104.4	98.9	105.6
2352	Hats and caps.....	100.4	111.9	101.6	111.4	101.1	111.8	101.7	111.1	(NA)	(NA)	100.5	90.7	99.1	88.0
236	Children's outerwear.....	120.3	83.1	110.6	80.1	110.5	81.8	110.6	79.7	115.9	79.4	101.2	107.4	105.6	102.5
2361	Children's dresses and blouses.....	120.4	84.7	120.4	79.9	120.3	81.3	120.5	79.3	(NA)	(NA)	103.7	101.3	102.3	96.7
2363	Children's coats and suits.....	100.7	97.4	100.1	103.5	100.6	103.7	100.0	103.4	(NA)	(NA)	98.7	108.8	106.0	103.0
2369	Children's outerwear, n.e.c.....	130.2	74.5	130.9	71.6	130.6	72.1	130.8	71.6	(NA)	(NA)	99.6	113.6	98.7	109.4
2371	Fur goods.....	115.8	85.8	117.8	85.2	118.2	85.2	117.8	85.2	(NA)	85.2	102.4	98.7	98.6	93.3
238	Miscellaneous apparel.....	123.5	97.4	114.9	98.7	114.7	98.1	114.8	98.8	118.7	99.0	101.1	93.1	103.9	90.8
2381	Fabric dress and work gloves.....	121.9	108.7	119.3	105.2	119.1	105.5	119.4	105.3	(NA)	(NA)	103.9	85.0	106.2	83.4
2384	Robes and dressing gowns.....	119.0	80.4	118.4	87.7	118.0	85.7	118.5	87.8	(NA)	(NA)	110.0	103.2	102.8	92.0
2385	Waterproof outer garments.....	157.2	80.4	157.1	76.1	157.1	76.5	157.1	76.1	(NA)	(NA)	102.1	103.7	97.0	105.2
2386	Leather and sheepskin clothing.....	84.7	97.1	83.3	98.8	83.6	97.7	83.4	98.6	(NA)	(NA)	101.2	89.7	100.2	86.6
2387	Apparel belts.....	113.7	135.0	112.2	140.5	112.1	139.1	112.3	140.9	(NA)	(NA)	95.4	84.0	103.1	83.0
2389	Apparel, n.e.c.....	116.4	100.8	118.2	97.9	118.5	98.1	118.4	97.9	(NA)	(NA)	88.7	89.5	88.4	90.7
239	Fabricated textiles, n.e.c.....	131.8	92.0	136.3	89.8	136.9	90.2	136.2	89.6	136.7	90.8	100.8	100.3	108.4	101.3
2391	Curtains and draperies.....	151.8	79.7	151.9	79.8	152.0	79.7	151.8	79.8	(NA)	(NA)	95.3	104.5	100.0	92.8
2392	Housefurnishings, n.e.c.....	115.3	86.4	119.4	84.1	119.7	85.2	119.7	84.1	(NA)	(NA)	100.8	98.9	111.5	96.3
2393	Textile bags.....	88.1	131.8	87.1	128.1	87.1	127.5	87.1	128.1	(NA)	(NA)	111.1	94.3	126.2	84.3
2394	Canvas products.....	124.7	109.8	127.6	106.6	127.6	106.6	127.5	106.6	(NA)	(NA)	101.4	102.4	107.4	113.9
2395	Pleating and stitching.....	163.4	96.1	159.0	97.6	159.2	97.1	158.8	97.8	(NA)	(NA)	101.9	97.0	99.4	104.5
2396	Apparel findings.....	164.2	86.1	163.6	81.7	163.4	81.8	163.6	81.7	(NA)	(NA)	101.5	104.4	93.6	96.4
2397	Schiffli machine embroideries.....	127.1	71.2	133.9	70.9	134.4	71.2	134.0	70.9	(NA)	(NA)	101.5	104.4	93.6	96.4
2399	Textile products, n.e.c.....	143.2	71.2	144.0	70.9	143.6	71.2	144.1	70.9	(NA)	(NA)	97.5	111.0	102.9	120.5
24	Lumber and wood products.....	121.9	98.9	119.9	100.3	122.0	98.4	120.1	100.3	120.6	99.4	100.3	98.8	102.4	105.0
2411	Logging camps and contractors.....	139.6	94.9	139.1	93.5	139.1	93.1	139.0	93.6	(NA)	(NA)	95.6	94.3	96.6	109.5
242	Sawmills and planing mills.....	107.7	110.8	105.5	109.5	107.4	109.3	105.9	109.8	106.9	(NA)	103.7	98.9	109.3	106.7
2421	Sawmills and planing mills.....	105.7	111.4	102.6	109.9	104.9	109.6	102.9	110.0	(NA)	(NA)	104.0	99.2	109.8	107.5
2426	Hardwood dimension and flooring.....	127.8	110.5	131.3	110.1	132.1	110.0	130.8	110.4	(NA)	(NA)	103.4	97.8	106.6	103.0
2429	Special product sawmills, n.e.c.....	112.9	97.1	112.5	97.1	112.7	97.3	112.2	97.1	(NA)	(NA)	96.4	92.2	101.7	100.7
243	Millwork and related products.....	135.3	82.7	136.5	84.6	136.9	83.5	137.7	84.0	146.6	76.9	98.9	101.0	97.3	104.3
2431	Millwork plants.....	118.1	97.9	121.0	99.3	121.4	99.6	120.9	99.3	(NA)	(NA)	102.7	99.4	105.2	100.1
2432	Veneer and plywood plants.....	160.2	67.1	157.4	71.9	158.9	68.6	157.1	72.2	(NA)	(NA)	94.3	105.8	89.0	111.9
2433	Prefabricated wood products.....	125.3	77.9	124.9	75.5	125.0	76.3	124.5	74.2	(NA)	(NA)	101.3	97.8	102.0	97.3

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
24	Lumber and wood products--Continued														
244	Wooden containers.....	99.5	117.0	101.7	120.5	100.0	119.5	101.8	120.5	99.6	118.2	98.7	95.5	98.3	94.6
2441	Nailed wooden boxes and shook.....	100.3	122.7	100.2	124.2	98.8	124.7	99.8	124.1	(NA)	(NA)	97.5	99.9	93.5	100.7
2442	Wirebound boxes and crates.....	118.8	117.0	121.5	114.7	121.0	114.5	121.7	114.7	(NA)	(NA)	98.2	91.2	99.6	89.0
2443	Veneer and plywood containers.....	92.7	149.3	93.1	143.1	92.5	143.1	93.1	143.1	(NA)	(NA)	99.5	77.6	95.3	69.9
2445	Cooperage.....	73.6	85.4	71.7	84.5	72.6	71.8	72.2	84.3	(NA)	(NA)	103.2	94.6	124.4	100.5
249	Miscellaneous wood products.....	135.8	90.7	138.7	88.4	137.2	88.3	138.5	88.4	138.1	88.5	97.3	99.3	100.7	101.1
2491	Wood preserving.....	127.0	99.5	125.5	100.4	125.5	100.3	125.6	100.4	(NA)	(NA)	98.6	97.9	102.4	94.0
2499	Wood products, n.e.c.....	138.9	87.6	141.6	85.8	139.6	85.6	141.3	85.8	(NA)	(NA)	96.9	99.9	100.4	103.1
25	Furniture and fixtures.....	122.6	89.0	124.2	89.0	124.3	88.6	124.8	88.7	125.3	90.0	103.4	92.4	105.4	92.8
251	Household furniture.....	120.1	87.9	122.6	88.3	121.9	88.2	123.3	88.3	124.0	89.5	103.3	94.8	106.9	96.3
2511	Wood furniture not upholstered.....	131.9	92.6	134.2	93.4	134.1	93.2	134.5	93.4	(NA)	(NA)	102.5	91.7	105.2	92.1
2512	Wood furniture, upholstered.....	118.7	74.5	118.2	74.5	118.5	74.4	118.0	74.6	(NA)	(NA)	105.8	99.5	109.4	97.8
2514	Metal household furniture.....	104.8	88.7	105.2	88.9	104.2	90.3	104.9	88.4	(NA)	(NA)	101.1	93.0	108.0	98.8
2515	Mattresses and bedsprings.....	108.5	96.6	106.3	96.1	106.9	95.9	105.7	96.1	(NA)	(NA)	103.7	97.6	107.2	104.3
2519	Household furniture, n.e.c.....	91.1	54.2	90.4	54.4	90.4	54.2	90.1	54.4	(NA)	(NA)	103.4	95.3	102.2	89.9
252	Office furniture.....	136.9	91.2	136.4	91.4	136.0	91.7	136.7	91.5	136.6	92.3	102.4	83.9	98.5	80.2
2521	Wood office furniture.....	143.6	84.8	145.3	85.1	145.0	85.0	145.8	85.0	(NA)	(NA)	105.1	95.2	102.6	88.8
2522	Metal office furniture.....	135.3	92.8	135.5	93.5	133.6	93.6	133.4	93.9	(NA)	(NA)	101.7	81.3	97.5	78.4
2531	Public building furniture.....	125.2	86.4	126.3	86.4	125.5	86.4	126.7	86.2	(NA)	(NA)	102.3	91.0	100.6	92.6
254	Partitions and fixtures.....	138.6	88.2	138.8	87.8	139.2	87.9	138.9	87.6	139.3	87.9	103.7	86.6	103.4	88.3
2541	Wood partitions and fixtures.....	138.3	83.0	138.6	82.0	139.0	82.0	138.5	82.0	(NA)	(NA)	105.2	91.5	105.2	105.2
2542	Metal partitions and fixtures.....	138.8	93.3	139.1	92.9	139.5	93.0	139.4	92.4	(NA)	(NA)	102.2	82.3	101.5	76.3
259	Furniture and fixtures, n.e.c.....	102.2	100.3	102.1	98.5	102.4	93.6	102.2	96.1	101.9	99.3	105.6	88.3	109.3	83.0
2591	Venetian blinds and shades.....	99.9	128.4	99.4	132.3	98.9	128.4	98.9	131.8	(NA)	(NA)	107.1	81.8	113.8	75.7
2599	Furniture and fixtures, n.e.c.....	106.0	57.9	106.1	56.9	107.0	56.9	106.5	57.0	(NA)	(NA)	103.3	104.3	103.2	97.9
26	Paper and allied products.....	131.0	85.2	129.6	85.2	130.0	85.2	129.4	85.2	130.4	86.0	96.9	92.5	99.6	95.4
2611	Pulpmills.....	162.6	87.9	162.8	87.3	163.3	87.5	164.1	87.5	(NA)	(NA)	87.7	94.3	92.4	97.1
2621	Papermills, except building.....	122.5	85.7	123.3	85.8	123.3	85.8	123.5	85.7	(NA)	(NA)	95.6	91.5	98.3	95.0
2631	Paperboard mills.....	142.7	86.3	140.8	87.0	140.7	87.0	139.9	87.1	(NA)	(NA)	95.8	93.2	98.8	96.2
264	Paper and paperboard products.....	132.7	78.6	131.6	78.4	132.1	78.7	131.6	78.3	137.3	76.5	98.4	94.7	104.0	100.0
2641	Paper coating and glazing.....	148.1	90.3	141.6	88.9	142.5	89.8	142.9	87.5	(NA)	(NA)	97.9	95.7	96.8	104.0
2642	Envelopes.....	130.3	85.4	131.9	85.7	131.8	85.7	132.3	85.8	(NA)	(NA)	102.7	83.5	104.1	86.7
2643	Bags, except textile bags.....	129.5	78.9	128.6	79.0	128.8	78.2	127.8	79.4	(NA)	(NA)	90.8	88.4	92.7	88.9
2644	Wallpaper.....	82.1	100.7	83.1	103.4	83.1	103.5	83.1	103.4	(NA)	(NA)	109.3	98.4	117.7	87.4
2645	Die-cut paper and board.....	149.9	84.5	151.7	81.8	151.5	82.0	151.4	81.9	(NA)	(NA)	101.1	105.9	108.6	114.0
2646	Pressed and molded pulp goods.....	142.8	54.0	145.6	54.1	143.1	54.2	146.9	54.1	(NA)	(NA)	97.8	99.6	98.7	96.3
2647	Sanitary paper products.....	127.2	68.9	129.0	69.4	129.1	69.6	129.2	69.6	(NA)	(NA)	103.8	97.3	126.6	106.4
2649	Converted paper products, n.e.c.....	117.9		121.9		121.4		120.8		(NA)	(NA)	101.3		105.2	
265	Paperboard containers and boxes.....	132.0	90.1	130.4	89.5	131.2	89.0	130.4	89.5	132.5	88.4	98.1	90.9	98.4	91.2
2651	Folding paperboard boxes.....	125.1	82.6	125.9	82.7	125.7	82.9	126.0	82.9	(NA)	(NA)	97.2	88.4	96.5	86.9
2652	Setup paperboard boxes.....	105.7	101.2	108.2	100.4	107.0	100.1	108.3	100.4	(NA)	(NA)	98.0	98.7	99.1	104.0
2653	Corrugated shipping containers.....	138.0	92.2	137.3	91.2	137.7	91.1	137.2	91.2	(NA)	(NA)	96.0	89.5	97.8	91.3
2654	Sanitary food containers.....	129.6	89.3	129.0	85.0	129.1	85.0	129.2	85.0	(NA)	(NA)	103.5	94.0	100.7	88.0
2655	Fiber cans, tubes, drums, etc.....	155.7	97.8	156.5	95.6	156.4	95.5	156.6	95.5	(NA)	(NA)	100.9	94.3	101.3	100.9
2661	Building paper and board mills.....	86.7	89.9	88.7	90.0	88.2	90.0	88.5	90.0	(NA)	(NA)	98.5	92.0	98.8	95.4
27	Printing and publishing.....	121.7	84.7	121.1	84.9	120.9	85.1	121.7	83.7	120.6	85.5	106.2	94.2	108.4	94.0
2711	Newspapers.....	117.2	91.8	117.2	91.8	117.3	91.8	117.0	91.8	(NA)	91.7	105.4	92.8	108.5	92.6
2721	Periodicals.....	112.4	93.1	110.8	92.2	110.2	92.9	106.2	89.9	(NA)	93.6	118.7	94.2	124.0	92.9
273	Books.....	134.5	68.4	135.8	68.0	136.3	67.9	141.7	67.4	144.1	66.3	114.6	98.1	120.0	96.2
2731	Books, publishing and printing.....	127.7	69.8	125.6	70.0	125.2	70.2	125.1	76.6	(NA)	(NA)	120.2	98.2	126.5	95.3
2732	Book printing.....	156.2	64.4	151.1	65.1	152.7	64.9	151.3	65.2	(NA)	(NA)	100.1	97.7	103.8	98.7
2741	Miscellaneous publishing.....	138.2	81.2	138.4	81.2	138.2	81.2	133.5	89.0	(NA)	80.8	91.8	91.2	92.1	90.0

See footnotes at end of table.

TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
27	Printing and publishing--Continued														
275	Commercial printing.....	121.6	81.8	120.8	82.3	121.9	81.8	120.6	82.0	119.1	82.3	102.5	94.9	103.4	95.5
2751	Printing, except lithographic.....	100.5	88.3	100.2	88.4	100.1	88.3	100.1	87.9	(NA)	(NA)	104.8	94.6	106.1	94.4
2752	Printing, lithographic.....	161.5	70.3	165.0	70.3	163.5	70.3	164.7	70.0	(NA)	(NA)	99.7	95.5	100.3	94.4
2753	Engraving and plate printing.....	135.5	74.0	135.2	74.6	134.3	74.3	135.4	74.7	(NA)	(NA)	94.5	95.0	93.1	91.2
2761	Manifold business forms.....	165.6	82.8	163.6	82.4	164.2	82.4	163.5	82.4	(NA)	(NA)	94.1	94.0	92.4	93.5
2771	Greeting card manufacturing.....	123.5	83.1	122.8	83.4	122.9	83.8	122.9	83.1	(NA)	(NA)	94.3	91.0	93.2	90.0
278	Bookbinding and related work.....	121.8	74.9	122.7	75.1	121.8	75.2	123.1	75.2	122.2	75.2	103.3	93.5	105.5	95.4
2782	Blankbooks; looseleaf binders.....	119.4	70.0	118.0	68.8	117.2	69.3	118.1	68.6	(NA)	(NA)	104.6	94.2	107.5	95.0
2789	Bookbinding and related work.....	124.6	80.6	126.4	80.2	125.8	80.6	126.8	80.1	(NA)	(NA)	101.7	94.2	103.6	95.8
279	Printing trades services.....	106.7	88.0	108.5	87.0	107.3	87.8	109.8	86.5	105.0	93.1	106.5	94.2	103.9	95.5
2791	Typesetting.....	128.0	74.0	128.9	74.0	129.2	73.9	129.1	74.1	(NA)	(NA)	106.6	94.2	102.7	93.7
2793	Photoengraving.....	95.7	89.2	95.2	89.3	95.4	89.3	95.0	89.2	(NA)	(NA)	106.5	94.2	104.7	97.1
2794	Electrotyping and stereotyping.....	88.4	115.6	87.7	116.7	86.2	117.2	88.0	116.8	(NA)	(NA)	106.1	94.0	105.4	95.3
28	Chemicals and allied products.....	150.7	76.0	149.0	78.4	149.8	77.8	149.1	79.4	132.4	71.8	91.4	101.4	93.9	100.3
281	Basic chemicals.....	155.2	76.8	151.1	76.6	151.6	76.4	151.5	77.5	130.5	71.1	89.6	99.5	93.3	99.9
2812	Alkalies and chlorine.....	138.4	87.0	135.6	88.4	136.1	88.4	136.3	88.7	(NA)	(NA)	93.1	94.0	92.1	95.4
2813	Industrial gases.....	184.1	68.2	189.4	66.4	188.8	66.7	189.8	67.0	(NA)	(NA)	82.5	106.2	77.3	103.6
2814	Cyclic (coal tar) crudes.....	100.9	73.5	91.5	69.7	94.2	69.3	93.0	69.7	(NA)	(NA)	90.1	92.2	121.9	108.8
2815	Intermediate coal tar products.....	161.4	88.7	161.2	90.9	161.9	99.4	161.3	91.2	(NA)	(NA)	86.3	102.6	93.8	109.2
2816	Inorganic pigments.....	122.6	101.8	121.6	103.6	122.3	103.3	121.6	103.7	(NA)	(NA)	96.1	92.3	97.6	82.4
2818	Organic chemicals, n.e.c.....	181.3	71.5	181.1	72.1	180.3	72.4	180.8	72.0	(NA)	(NA)	85.7	101.5	90.4	98.0
2819	Inorganic chemicals, n.e.c.: Privately owned and operated..... Government-owned, privately operated.....	138.8 116.7	77.9 66.7	137.1 116.7	77.1 66.5	137.8 116.7	77.0 66.5	137.8 116.7	77.7 66.5	(NA) (NA)	(NA) (NA)	95.2 95.7	97.6 99.2	95.6 104.8	104.4 99.4
282	Fibers, plastics, rubbers.....	171.9	67.0	167.4	73.7	168.8	72.2	166.3	74.3	159.5	73.2	84.1	111.6	85.9	111.4
2821	Plastics materials and resins.....	172.1	61.8	175.6	62.9	173.7	62.7	176.2	63.1	(NA)	(NA)	81.0	110.1	80.4	108.0
2822	Synthetic rubber.....	146.2	60.3	146.4	59.3	146.4	59.3	146.3	59.5	(NA)	(NA)	97.0	106.4	113.1	120.8
2823	Cellulosic manmade fibers.....	112.3	95.0	112.4	99.7	112.6	99.1	112.3	100.0	(NA)	(NA)	91.2	104.6	94.5	101.5
2824	Organic fibers, noncellulosic.....	260.4	58.2	269.1	58.3	266.2	58.3	270.9	58.3	(NA)	(NA)	79.2	128.5	81.0	124.5
283	Drugs.....	152.4	60.2	155.2	59.5	154.9	59.5	155.1	59.7	144.1	62.6	82.4	115.1	86.2	109.3
2831	Biological products.....	188.4	91.5	197.5	92.5	197.3	93.1	197.2	92.3	(NA)	(NA)	81.7	115.7	80.5	106.3
2833	Medicinals and botanicals.....	116.3	75.4	117.7	70.7	119.7	70.5	120.7	72.2	(NA)	(NA)	81.2	118.8	75.2	114.7
2834	Pharmaceutical preparations.....	156.0	57.6	157.8	56.8	157.9	57.0	157.5	56.5	(NA)	(NA)	82.5	114.5	87.2	108.8
284	Cleaning and toilet goods.....	143.8	76.3	144.3	78.3	143.0	79.1	143.0	78.1	139.1	78.8	100.4	95.8	103.4	92.9
2841	Soap and other detergents.....	136.6	83.1	133.3	90.6	134.3	90.1	132.2	90.5	(NA)	(NA)	97.8	96.6	97.8	92.3
2842	Polishes and sanitation goods.....	124.8	73.1	125.2	72.3	125.0	72.7	124.0	71.4	(NA)	(NA)	104.0	94.3	114.3	90.0
2843	Surface active agents.....	136.0	79.9	135.2	78.5	135.3	77.6	134.1	78.9	(NA)	(NA)	103.4	106.0	107.2	120.5
2844	Toilet preparations.....	166.1	67.2	168.2	68.7	168.6	68.2	166.0	69.0	(NA)	(NA)	101.9	93.8	105.3	92.9
2851	Paints and allied products.....	133.8	95.1	133.6	95.0	133.8	95.1	133.2	95.1	(NA)	(NA)	94.9	97.9	90.7	88.7
2852	Putty and caulking compounds.....	172.1	76.5	175.6	77.0	173.7	77.4	176.2	78.6	(NA)	(NA)	81.0	110.1	80.4	108.0
2861	Gum and wood chemicals.....	108.6	102.4	107.7	105.8	106.0	103.7	108.3	108.0	(NA)	(NA)	103.8	108.2	89.4	80.5
287	Agricultural chemicals.....	141.5	93.5	142.0	93.8	144.2	92.6	141.8	95.1	149.5	94.3	101.3	97.1	103.5	94.8
2871	Fertilizers.....	143.1	102.0	144.4	101.5	147.9	100.2	143.5	101.2	(NA)	(NA)	100.4	95.5	96.0	90.9
2872	Fertilizers, mixing only.....	137.7	100.5	137.4	100.2	137.6	99.9	137.1	100.4	(NA)	(NA)	103.0	93.4	112.6	87.8
2873	Agriculture pesticides.....	143.6	70.7	143.6	70.2	144.4	71.1	144.6	70.6	(NA)	(NA)	100.7	106.2	108.9	110.4
2879	Agricultural chemicals, n.e.c.....	143.6	70.7	143.6	70.2	144.4	71.1	144.6	70.6	(NA)	(NA)	100.7	106.2	108.9	110.4
289	Miscellaneous chemical products.....	127.3	92.7	127.5	105.0	127.6	105.4	128.4	107.6	126.0	99.5	101.3	96.5	103.4	93.8
2891	Glue and gelatin.....	139.5	75.5	136.5	74.8	136.9	75.2	134.9	75.0	(NA)	(NA)	102.6	96.7	100.3	101.9
2892	Explosives.....	119.6	190.5	120.8	189.4	121.4	189.4	120.4	189.4	(NA)	(NA)	104.0	94.8	103.9	89.4
2893	Printing ink.....	126.6	87.7	125.9	88.5	125.8	88.3	126.1	88.4	(NA)	(NA)	92.7	91.8	91.3	92.5
2895	Carbon black.....	121.0	86.4	121.0	86.3	121.0	86.3	121.0	86.3	(NA)	(NA)	101.4	94.4	104.4	94.9
2899	Chemical preparations, n.e.c.....	126.8	69.8	129.9	72.8	129.7	72.8	133.6	74.2	(NA)	(NA)	102.7	100.2	107.4	93.3
2894	Fatty acids.....	126.8	104.4	129.9	103.7	129.7	105.9	133.6	102.8	(NA)	(NA)	102.7	89.8	107.4	108.0
29	Petroleum and coal products.....	123.1	86.8	124.6	86.6	124.4	86.6	124.0	86.5	123.2	85.7	94.8	96.4	117.6	103.4
2911	Petroleum refining.....	122.2	86.7	122.3	86.2	122.4	86.2	122.3	86.2	(NA)	(NA)	86.1	94.3	96.7	120.4
295	Paving and roofing materials.....	131.5	79.9	130.3	81.1	130.7	80.5	128.2	81.8	134.4	77.6	99.5	97.1	97.9	98.1
2951	Paving mixtures and blocks.....	159.5	55.3	160.5	55.2	160.3	55.2	160.2	55.2	(NA)	(NA)	100.2	90.0	91.8	83.8
2952	Asphalt felts and coatings.....	115.2	93.5	115.4	93.7	114.7	93.7	113.0	93.8	(NA)	(NA)	99.1	100.4	103.0	106.4
299	Petroleum and coal products, n.e.c.....	143.6	108.7	143.3	108.0	145.3	108.5	139.2	107.1	123.4	105.6	106.3	84.9	115.9	82.7
2992	Lubricating oils and greases.....	158.3	110.3	159.9	109.4	160.2	109.8	159.7	108.5	(NA)	(NA)	106.7	85.5	121.3	81.3
2999	Petroleum and coal products, n.e.c.....	89.1	102.7	89.7	103.0	89.2	102.9	90.1	103.4	(NA)	(NA)	104.6	82.6	88.2	88.2

See footnotes at end of table.



TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
30	Rubber and plastics products, n.e.c.....	154.2	80.6	159.1	79.1	156.3	80.2	160.0	78.7	151.2	82.8	89.6	99.5	91.7	97.7
3011	Tires and inner tubes.....	132.3	88.7	127.7	90.7	128.9	90.6	127.6	90.7	(NA)	90.5	86.6	89.3	86.1	84.3
3021	Rubber footwear.....	150.4	75.5	152.1	75.3	150.9	75.8	152.6	75.2	(NA)	75.9	102.6	99.0	96.2	94.1
3031	Reclaimed rubber.....	113.8	171.2	118.3	123.3	117.8	123.0	118.2	123.2	(NA)	122.9	109.0	94.6	112.5	91.7
3069	Rubber products, n.e.c.....	144.7	91.8	147.3	90.0	148.1	89.9	147.6	90.0	(NA)	90.2	95.6	101.0	97.9	102.4
3079	Plastics products, n.e.c.....	196.3	59.3	198.4	60.3	197.5	60.3	198.5	60.6	(NA)	59.0	86.3	114.5	90.9	112.9
31	Leather and leather products.....	101.8	93.9	102.7	92.9	102.1	93.3	102.7	93.0	98.4	96.0	106.1	96.8	107.4	94.8
3111	Leather tanning and finishing.....	93.8	98.7	93.2	99.6	93.0	99.6	93.0	99.4	(NA)	99.4	108.2	97.3	106.4	95.0
3121	Industrial leather belting.....	72.2	102.4	72.4	100.9	72.4	100.4	72.5	100.0	(NA)	101.8	107.3	97.0	125.7	95.7
3131	Footwear cut stock.....	86.6	106.7	87.2	106.6	87.4	106.7	87.2	106.6	(NA)	106.8	103.2	94.8	105.3	83.1
314	Footwear, except rubber.....	102.4	89.9	101.8	90.1	102.0	90.0	101.8	90.1	102.1	90.0	107.2	97.8	109.4	95.8
3141	Shoes, except rubber.....	102.2	90.7	101.6	90.7	101.7	90.7	101.6	90.7	(NA)	(NA)	107.4	97.5	109.8	95.7
3142	House slippers.....	106.3	77.8	105.7	78.0	106.7	77.9	105.7	78.0	(NA)	(NA)	103.4	104.1	101.3	97.7
3151	Leather gloves.....	143.3	102.7	137.3	101.5	137.0	101.7	137.6	101.3	(NA)	101.4	103.8	90.7	90.0	88.8
3161	Luggage.....	109.7	97.2	109.2	96.8	109.3	96.9	109.1	96.8	(NA)	97.0	105.7	96.2	106.8	97.7
317	Purses and small leather goods.....	121.0	92.8	121.4	92.7	120.5	92.3	121.3	92.7	119.8	92.0	98.6	93.0	99.8	94.0
3171	Handbags and purses.....	122.8	93.0	122.8	92.9	122.8	92.9	122.9	92.9	(NA)	(NA)	99.0	90.4	104.2	90.7
3172	Small leather goods.....	117.9	92.3	118.3	92.3	116.9	91.3	118.4	92.4	(NA)	(NA)	98.0	97.6	93.1	100.8
3199	Leather goods, n.e.c.....	106.0	101.9	105.7	100.3	105.6	100.5	105.7	100.3	(NA)	(NA)	106.7	95.6	99.2	93.1
32	Stone, clay, and glass products.....	126.0	85.5	124.4	88.8	124.9	88.5	124.0	89.0	118.0	89.0	100.8	89.6	102.0	88.6
3211	Flat glass.....	147.6	105.9	145.6	108.1	145.8	106.5	145.7	107.5	(NA)	105.2	98.2	91.5	94.9	89.4
322	Pressed and blown glassware.....	127.3	91.7	127.3	92.6	127.1	92.9	127.2	92.1	126.4	91.4	99.7	88.6	102.4	87.0
3221	Glass containers.....	123.9	87.5	123.4	87.6	123.3	87.6	123.5	87.6	(NA)	(NA)	95.1	85.7	95.7	82.5
3229	Pressed and blown glass, n.e.c.....	133.7	99.7	133.6	99.5	133.4	100.4	133.5	99.2	(NA)	(NA)	108.3	93.8	113.3	94.0
3231	Products of purchased glass.....	134.5	92.0	134.2	91.1	134.1	92.1	134.3	90.9	(NA)	92.5	100.1	89.8	95.1	86.1
3241	Cement, hydraulic.....	110.1	88.3	109.8	88.2	109.9	88.2	109.8	88.2	(NA)	88.3	98.9	86.0	98.6	82.2
325	Structural clay products.....	113.3	101.2	110.2	100.8	109.7	100.8	110.0	100.6	109.2	102.8	103.8	85.0	101.3	86.7
3251	Brick and structural tile.....	104.4	105.7	104.6	104.5	103.8	104.7	104.7	104.4	(NA)	(NA)	108.3	86.7	105.7	89.2
3253	Ceramic wall and floor tile.....	131.4	82.9	123.1	82.6	120.1	82.1	123.7	82.2	(NA)	(NA)	92.3	93.9	94.4	99.8
3255	Clay refractories.....	118.2	111.9	116.7	112.1	117.2	111.7	116.4	112.2	(NA)	(NA)	101.3	77.0	95.7	75.4
3259	Structural clay products, n.e.c.....	109.6	98.6	105.7	100.3	105.6	100.4	105.3	100.4	(NA)	(NA)	110.2	83.5	106.0	82.8
326	Pottery and related products.....	126.8	102.1	124.0	108.9	123.7	106.3	124.2	107.3	127.2	103.2	95.1	89.4	94.5	87.9
3261	Vitreous plumbing fixtures.....	125.4	91.7	125.7	91.2	126.0	91.0	125.7	91.2	(NA)	(NA)	89.9	97.9	92.2	95.1
3262	Vitreous china food utensils.....	112.2	106.2	111.7	106.6	110.9	106.5	111.6	106.4	(NA)	(NA)	96.9	81.8	96.6	81.0
3263	Fine earthenware food utensils.....	113.5	174.5	113.5	177.3	114.0	177.3	113.5	177.3	(NA)	(NA)	104.3	79.1	99.9	80.8
3264	Porcelain electrical supplies.....	142.4	94.9	143.7	94.2	143.8	94.5	143.8	94.3	(NA)	(NA)	95.5	89.0	94.7	87.3
3269	Pottery products, n.e.c.....	127.4	86.4	122.1	89.4	121.5	89.4	122.2	89.4	(NA)	(NA)	95.5	89.0	93.0	89.3
327	Concrete and plaster products.....	128.5	75.6	127.9	76.5	128.0	76.2	127.6	76.6	120.1	84.1	101.4	88.7	107.4	88.0
3271	Concrete block and brick.....	120.4	102.0	120.9	103.2	120.9	103.4	120.8	103.0	(NA)	(NA)	101.9	91.0	106.8	91.1
3272	Other concrete products.....	128.9	71.5	127.9	70.2	128.2	71.0	128.4	70.3	(NA)	(NA)	99.8	84.0	106.9	85.4
3273	Ready mixed concrete.....	135.4	66.2	135.7	65.3	135.6	65.4	135.9	64.8	(NA)	(NA)	100.5	89.7	107.2	90.3
3274	Lime.....	113.2	92.4	112.4	91.5	112.0	91.7	112.8	91.1	(NA)	(NA)	110.7	93.3	115.7	85.8
3275	Gypsum products.....	110.8	91.4	109.6	90.4	109.6	90.4	110.6	90.4	(NA)	(NA)	105.0	89.0	107.0	84.2
3281	Cut stone and stone products.....	93.5	77.0	93.2	76.3	93.2	77.4	93.3	76.6	(NA)	76.5	113.6	120.1	109.3	122.4
329	Nonmetallic mineral products.....	132.0	82.4	133.4	84.2	133.4	83.9	133.0	84.5	130.8	80.0	101.4	92.3	101.1	93.1
3291	Abrasive products.....	144.1	81.2	144.1	83.7	144.8	82.3	144.4	84.7	(NA)	(NA)	100.2	88.7	104.8	88.1
3292	Asbestos products.....	114.4	88.7	109.1	91.7	109.6	91.0	110.6	91.2	(NA)	(NA)	98.7	90.1	101.4	87.4
3293	Gaskets and insulations.....	151.0	94.4	151.4	92.9	151.8	92.8	152.0	92.5	(NA)	(NA)	97.8	93.2	100.5	88.6
3295	Minerals, ground or treated.....	84.9	88.7	85.7	89.3	85.6	89.9	85.8	89.2	(NA)	(NA)	110.7	89.4	103.4	97.1
3296	Mineral wool.....	160.9	56.6	161.4	56.0	159.7	56.6	161.6	57.8	(NA)	(NA)	101.2	117.5	97.4	125.0
3297	Nonclay refractories.....	134.1	83.1	133.6	83.1	133.2	83.1	134.0	83.1	(NA)	(NA)	107.3	82.2	94.9	83.6
3299	Nonmetallic products, n.e.c.....	163.3	109.5	167.8	165.6	167.3	115.7	167.2	165.6	(NA)	(NA)	100.7	81.2	99.3	94.3
33	Primary metal industries.....	131.9	101.5	132.0	103.1	131.8	103.2	132.1	102.0	136.6	97.5	98.9	86.3	99.5	83.3
331	Steel rolling and finishing.....	125.7	105.5	124.3	105.8	124.8	105.8	124.2	105.7	124.3	102.4	97.7	80.4	100.4	78.0
3312	Blast furnaces and steel mills.....	125.5	107.5	124.4	107.4	124.9	107.5	124.2	107.4	(NA)	(NA)	98.3	82.0	101.6	77.9
3313	Electrometallurgical products.....	123.1	88.0	122.0	88.5	121.9	88.5	121.8	88.6	(NA)	(NA)	75.9	78.6	67.0	75.4
3315	Steel wiredrawing, etc.....	129.6	101.4	127.5	101.6	126.9	101.6	129.0	101.6	(NA)	(NA)	99.6	83.0	100.3	72.8
3316	Cold finishing of steel shapes.....	157.1	85.1	157.9	81.7	158.6	80.7	157.8	80.6	(NA)	(NA)	100.3	79.2	99.9	85.2
3317	Steel pipe and tube.....	108.9	94.6	106.9	95.1	107.3	95.1	107.2	94.9	(NA)	(NA)	96.1	78.7	96.2	83.5

See footnotes at end of table.



TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
33	Primary metal industries--Continued														
332	Iron and steel foundries.....	137.1	111.9	138.0	112.0	138.2	112.2	137.9	112.0	140.4	111.9	103.7	87.7	107.7	89.9
3321	Gray iron foundries.....	132.2	111.6	132.4	111.6	132.4	112.1	132.4	111.5	(NA)	(NA)	104.7	90.4	109.1	93.7
3322	Malleable iron foundries.....	142.2	118.5	144.1	118.8	144.2	118.3	144.6	119.2	(NA)	(NA)	103.9	85.4	112.8	89.8
3323	Steel foundries.....	147.1	110.1	148.8	110.3	148.3	110.3	148.6	110.3	(NA)	(NA)	101.4	82.2	103.1	81.9
333	Primary nonferrous metal.....	141.0	96.2	135.2	96.5	135.8	97.2	135.1	96.0	147.8	93.6	101.7	99.6	101.1	85.0
3331	Primary copper.....	130.8	92.8	130.4	93.6	130.1	93.5	130.6	93.5	(NA)	(NA)	111.7	110.0	132.1	107.6
3332	Primary lead.....	76.9	86.9	70.2	82.2	69.0	82.8	70.4	82.0	(NA)	(NA)	100.5	111.7	105.1	97.1
3333	Primary zinc.....	116.7	95.6	118.3	94.3	118.3	94.6	118.5	94.2	(NA)	(NA)	110.2	107.8	117.5	126.4
3334	Primary aluminum.....	149.3	90.4	148.8	89.8	148.9	89.8	148.8	89.9	(NA)	(NA)	90.2	82.7	87.5	74.6
3339	Primary nonferrous metals, n.e.c.....	233.4	214.6	230.3	216.5	229.4	216.0	229.9	216.0	(NA)	(NA)	101.7	94.8	90.4	47.2
3341	Secondary nonferrous metals.....	138.9	98.6	136.8	96.7	136.3	96.8	135.8	96.8	(NA)	98.5	104.0	104.0	114.9	99.8
335	Nonferrous rolling and drawing.....	142.7	85.9	141.9	84.5	142.1	84.8	142.2	84.6	144.2	83.1	98.6	97.0	88.6	94.7
3351	Copper rolling and drawing.....	134.9	106.3	137.1	105.5	137.1	105.5	136.5	105.4	(NA)	(NA)	101.3	100.7	78.7	87.1
3352	Aluminum rolling and drawing.....	155.1	69.8	155.5	69.1	155.0	69.2	156.1	69.4	(NA)	(NA)	91.0	89.5	82.0	102.9
3356	Rolling and drawing, n.e.c.....	129.9	81.5	135.1	78.2	135.9	79.1	134.7	77.7	(NA)	(NA)	105.2	104.0	108.3	93.1
3357	Nonferrous wiredrawing, etc.....	141.0	86.9	135.8	86.2	135.5	86.4	136.0	86.4	(NA)	(NA)	102.9	98.4	92.1	95.0
336	Nonferrous foundries.....	144.1	108.1	144.6	107.9	144.7	107.8	144.8	107.9	146.8	107.5	97.4	91.4	97.0	91.2
3361	Aluminum castings.....	163.2	102.2	163.2	102.5	162.7	102.4	163.2	102.4	(NA)	(NA)	92.9	96.4	93.8	96.3
3362	Brass, bronze, copper castings.....	123.4	113.0	124.1	113.4	123.9	113.4	124.0	113.5	(NA)	(NA)	105.7	83.0	106.1	88.9
3369	Nonferrous castings, n.e.c.....	130.9	114.7	131.0	113.3	130.3	112.9	131.1	113.0	(NA)	(NA)	98.9	90.8	95.9	85.0
339	Primary metal industries, n.e.c.....	149.3	104.6	148.7	103.3	148.1	104.4	148.8	103.3	163.4	100.8	97.0	83.8	98.7	87.3
3391	Iron and steel forgings.....	130.3	110.7	129.2	111.0	129.7	111.5	129.5	111.0	(NA)	(NA)	98.6	81.2	96.6	84.9
3392	Nonferrous forgings.....	192.5	88.7	188.5	87.9	188.1	89.4	187.1	87.9	(NA)	(NA)	91.0	94.3	103.6	92.1
3399	Primary metal industries, n.e.c.....	214.2	89.8	205.4	86.9	205.3	87.0	204.7	86.7	(NA)	(NA)	95.0	88.7	102.4	94.5
34	Fabricated metal products.....	121.5	93.8	122.5	94.1	122.4	94.3	122.7	94.2	123.7	95.0	100.2	86.0	101.9	88.9
3411	Metal cans.....	109.5	87.8	110.0	87.9	109.7	88.0	110.0	87.9	(NA)	88.0	104.4	85.8	113.4	84.6
342	Cutlery, handtools, hardware.....	130.7	102.0	128.5	101.7	126.8	101.0	128.3	101.5	130.6	101.1	103.6	83.8	108.4	85.5
3421	Cutlery.....	148.5	109.1	127.5	111.5	132.0	110.7	124.0	112.6	(NA)	(NA)	109.2	88.1	109.9	89.1
3423	Hand and edge tools.....	122.1	108.2	121.3	107.4	122.1	107.3	120.9	107.3	(NA)	(NA)	108.1	80.7	112.1	81.6
3425	Handsaws and saw blades.....	113.9	129.0	111.1	125.0	111.1	125.9	111.0	124.2	(NA)	(NA)	106.5	75.6	110.0	75.3
3429	Hardware, n.e.c.....	132.3	97.4	129.7	96.9	131.0	96.2	130.4	96.8	(NA)	(NA)	101.2	85.0	106.8	87.2
343	Plumbing and heating, except electric.....	120.3	92.9	120.4	90.7	120.3	90.9	120.0	90.6	120.3	91.2	96.9	97.5	97.3	100.9
3431	Metal plumbing fixtures.....	113.4	90.6	114.7	92.9	115.3	92.7	114.7	92.8	(NA)	(NA)	97.9	116.4	102.0	105.6
3432	Plumbing fittings, brass goods.....	126.8	89.9	125.7	89.6	125.5	89.8	125.7	89.4	(NA)	(NA)	105.7	100.7	101.7	108.8
3433	Heating equipment, except electric.....	120.0	94.3	120.1	90.6	120.3	90.7	119.5	90.3	(NA)	(NA)	94.2	92.3	94.9	97.5
344	Structural metal products.....	113.1	86.9	112.7	87.4	112.6	88.1	112.7	87.5	111.3	88.6	96.5	84.2	96.4	89.3
3441	Fabricated structural steel.....	107.4	89.4	107.1	90.3	107.2	90.2	107.1	90.3	(NA)	(NA)	98.9	80.1	92.8	85.0
3442	Metal doors, sash, and trim.....	129.1	70.9	129.9	70.1	130.9	70.7	130.0	70.1	(NA)	(NA)	93.2	100.4	92.9	112.1
3443	Boiler shop products.....	104.2	93.7	103.6	94.3	104.1	94.3	103.4	93.8	(NA)	(NA)	95.7	81.3	98.3	86.2
3444	Sheet metalwork.....	121.7	89.1	125.2	91.6	125.2	92.1	125.7	91.8	(NA)	(NA)	98.5	84.6	99.1	83.3
3446	Architectural metalwork.....	84.2		82.5		82.6		82.4		(NA)	(NA)	98.7		99.6	
3449	Miscellaneous metalwork, n.e.c.....	127.8	86.5	123.8	88.6	123.6	88.2	122.6	88.4	(NA)	(NA)	92.6	81.2	101.7	87.6
345	Screw machine products, bolts, etc.....	137.1	105.2	137.2	105.3	137.6	105.2	137.4	105.5	137.4	104.3	101.8	83.1	101.6	83.8
3451	Screw machine products.....	136.6	110.6	138.0	111.0	137.9	111.2	138.3	111.2	(NA)	(NA)	101.8	86.5	104.5	88.0
3452	Bolts, nuts, rivets, and washers.....	137.3	102.4	136.7	101.7	137.4	101.8	136.8	101.7	(NA)	(NA)	101.8	81.6	100.2	81.7
3461	Metal stampings.....	127.1	98.0	126.8	96.7	127.6	97.7	127.1	96.7	(NA)	97.3	101.4	90.4	102.9	95.0
347	Metal services, n.e.c.....	150.2	86.9	149.2	87.6	149.3	87.7	149.3	87.6	147.4	92.5	100.5	85.5	102.6	89.6
3471	Plating and polishing.....	143.5	100.8	143.9	99.8	143.9	99.9	143.9	99.8	(NA)	(NA)	100.5	85.5	101.4	84.5
3479	Metal coating, engraving, etc.....	162.4	62.7	162.0	62.3	161.9	62.4	162.1	62.3	(NA)	(NA)	100.5	85.6	105.2	104.4
3481	Fabricated wire products, n.e.c.....	116.7	98.5	118.7	98.6	118.5	98.9	119.2	98.5	(NA)	99.0	101.9	89.3	104.0	95.0
349	Fabricated metal products, n.e.c.....	127.4	100.6	127.1	98.7	126.9	99.1	127.1	98.8	128.1	101.4	102.7	82.6	102.7	83.0
3491	Metal barrels, drums, and pails.....	121.4	111.2	117.3	107.8	118.8	108.3	117.7	107.4	(NA)	(NA)	100.3	83.2	105.8	85.7
3492	Safes and vaults.....	122.6	90.5	117.5	90.5	118.8	90.9	114.6	89.4	(NA)	(NA)	113.4	78.7	116.7	80.8
3493	Steel springs.....	124.2	144.9	124.7	141.8	124.9	142.2	124.7	141.8	(NA)	(NA)	106.6	85.9	103.4	79.7
3494	Valves and pipe fittings.....	123.1	98.7	122.9	98.3	123.6	98.3	122.5	98.2	(NA)	(NA)	103.9	82.0	104.5	82.2
3496	Collapsible tubes.....	113.7	93.5	120.6	97.0	120.2	97.0	121.3	97.0	(NA)	(NA)	100.9	91.1	101.4	91.4
3497	Metal foil and leaf.....	190.3	119.6	186.3	116.7	186.4	117.4	187.5	116.8	(NA)	(NA)	98.8	79.7	88.7	73.7
3498	Fabricated pipe and fittings.....	94.0	92.4	96.1	90.4	96.4	90.4	95.8	90.9	(NA)	(NA)	98.5	80.3	95.9	86.4
3499	Fabricated metal products, n.e.c.....	165.4	89.1	165.2	87.4	164.8	87.2	165.1	87.5	(NA)	(NA)	102.3	85.7	100.4	84.7

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
35	Machinery, except electrical.....	136.4	96.3	137.1	96.7	137.1	97.5	136.4	96.6	135.9	96.0	100.4	88.0	102.6	89.0
351	Engines and turbines.....	123.5	75.3	120.5	74.7	119.4	73.8	121.6	75.0	119.1	73.5	85.6	89.4	84.9	85.3
3511	Steam engines and turbines.....	90.5	51.8	89.9	52.0	91.4	52.4	89.1	52.0	(NA)	(NA)	74.4	90.9	73.3	94.3
3519	Internal combustion engines.....	149.6	96.6	147.6	97.4	146.9	97.1	146.9	96.9	(NA)	(NA)	92.1	88.4	94.7	77.5
3522	Farm machinery and equipment.....	117.7	82.7	118.3	84.5	118.1	85.0	118.3	84.4	(NA)	84.2	101.4	89.9	103.1	86.4
353	Construction and like equipment.....	130.6	99.3	128.0	98.2	128.5	98.7	127.2	98.2	126.2	97.5	101.8	82.6	103.4	82.5
3531	Construction machinery.....	129.3	91.3	125.0	88.3	125.6	88.5	124.7	88.5	(NA)	(NA)	102.0	83.4	101.0	80.3
3532	Mining machinery and equipment.....	117.9	98.2	116.0	97.8	118.1	97.6	113.4	97.4	(NA)	(NA)	107.3	76.8	113.5	75.9
3533	Oilfield machinery.....	115.5	109.2	114.8	110.6	114.1	111.2	115.0	110.5	(NA)	(NA)	99.4	86.2	104.0	86.7
3534	Elevators and moving stairways.....	175.0	98.1	175.5	97.4	175.7	97.6	175.4	98.0	(NA)	(NA)	91.8	84.9	90.8	82.6
3535	Conveyors.....	122.3	102.0	123.0	102.7	123.4	102.9	121.5	102.5	(NA)	(NA)	108.4	80.6	113.6	88.1
3536	Hoists, cranes, and monorails.....	138.2	119.5	138.3	117.8	137.3	118.2	137.9	118.1	(NA)	(NA)	91.0	81.2	86.8	87.1
3537	Industrial trucks and tractors.....	165.6	126.4	164.3	125.9	164.3	125.6	164.1	126.3	(NA)	(NA)	105.4	78.7	120.1	89.9
354	Metalworking machinery.....	137.9	136.4	138.5	135.7	137.2	135.0	137.1	132.5	140.1	139.0	107.3	87.6	106.7	88.0
3541	Metal-cutting machine tools.....	158.5	186.2	160.0	190.5	159.9	190.5	161.4	189.0	(NA)	(NA)	107.1	91.2	104.2	89.8
3542	Metal-forming machine tools.....	132.6	181.8	134.2	174.5	134.0	173.9	133.7	172.7	(NA)	(NA)	110.4	83.5	120.1	90.0
3544	Special dies and tools.....	122.6	108.2	123.2	107.0	123.0	107.5	123.5	106.4	(NA)	(NA)	108.5	88.9	107.3	89.0
3545	Machine tool accessories.....	140.4	123.5	141.0	124.5	141.3	125.3	141.2	125.0	(NA)	(NA)	115.4	81.2	113.7	81.5
3548	Metalworking machinery, n.e.c.....	143.4	115.3	145.1	117.0	141.4	115.6	143.1	114.8	(NA)	(NA)	97.0	88.0	95.1	87.9
355	Special industry machinery.....	133.2	98.2	134.5	98.4	134.0	98.4	136.0	98.0	133.6	97.4	106.6	88.1	107.2	92.6
3551	Food products machinery.....	131.5	122.2	130.3	124.2	130.6	125.2	129.2	124.4	(NA)	(NA)	105.7	76.7	108.3	78.4
3552	Textile machinery.....	144.9	103.3	147.7	103.1	146.8	103.3	147.6	102.6	(NA)	(NA)	102.8	90.4	100.5	98.3
3553	Woodworking machinery.....	125.7	89.4	126.8	88.6	127.1	88.9	125.4	88.4	(NA)	(NA)	101.8	98.2	101.8	101.8
3554	Paper industries machinery.....	131.0	79.9	131.9	80.5	131.4	80.0	130.6	80.1	(NA)	(NA)	113.4	91.0	133.1	110.1
3555	Printing trades machinery.....	136.7	90.9	137.9	89.0	137.7	89.0	137.9	89.0	(NA)	(NA)	111.7	100.6	110.5	106.6
3559	Special industry machines, n.e.c.....	130.0	95.0	129.4	94.0	129.6	94.4	135.0	93.7	(NA)	(NA)	104.2	86.2	102.6	86.8
356	General industrial machinery.....	143.7	101.9	147.7	100.9	148.5	101.1	146.3	101.7	147.1	99.6	98.5	81.3	101.1	90.2
3561	Pumps and compressors.....	133.5	102.8	143.7	101.1	146.5	101.9	136.8	102.1	(NA)	(NA)	99.5	85.3	109.1	88.7
3562	Ball and roller bearings.....	170.4	100.9	169.9	100.6	170.4	100.7	169.3	100.3	(NA)	(NA)	92.1	83.1	90.4	80.6
3564	Blowers and fans.....	123.9	129.5	125.2	131.9	125.1	131.8	124.6	131.6	(NA)	(NA)	95.9	80.5	99.3	80.5
3565	Industrial patterns.....	146.2	123.1	146.5	122.4	146.4	122.5	146.1	122.0	(NA)	(NA)	97.9	84.7	98.4	84.0
3566	Power transmission equipment.....	142.7	105.4	141.3	103.0	141.1	103.0	140.9	103.2	(NA)	(NA)	102.8	77.8	101.7	84.1
3567	Industrial furnaces and ovens.....	130.7	105.1	135.6	104.5	135.2	105.0	137.7	104.2	(NA)	(NA)	108.3	86.7	110.5	88.6
3569	General industry machines, n.e.c.....	150.6	76.0	148.8	74.7	148.8	74.7	149.6	74.6	(NA)	(NA)	98.1	85.0	101.3	81.0
357	Office machines, n.e.c.....	160.5	69.7	160.8	68.3	161.9	67.3	159.7	68.2	162.4	68.5	103.7	90.3	106.5	105.5
3571	Computing and related machines.....	177.7	59.3	178.4	58.0	177.3	58.4	178.9	57.0	(NA)	(NA)	103.0	90.6	106.8	115.9
3572	Typewriters.....	131.4	87.3	132.0	88.1	130.4	87.9	132.8	88.1	(NA)	(NA)	104.0	88.3	107.8	93.0
3576	Scales and balances.....	124.7	89.9	124.6	89.8	124.3	89.7	124.5	89.8	(NA)	(NA)	104.1	89.4	105.0	97.5
3579	Office machines, n.e.c.....	125.4	92.1	124.9	92.0	124.4	91.8	125.3	91.9	(NA)	(NA)	106.4	91.2	104.5	110.9
358	Service industry machines.....	155.1	88.4	150.6	88.0	150.2	88.3	150.0	87.5	153.9	86.6	91.0	101.7	97.8	102.6
3581	Automatic vending machines.....	164.4	85.8	156.3	79.8	154.3	79.8	156.1	79.2	(NA)	(NA)	103.3	91.2	117.6	110.9
3582	Commercial laundry equipment.....	119.7	100.3	120.5	97.2	119.9	97.5	121.3	97.3	(NA)	(NA)	94.9	87.5	89.5	90.5
3585	Refrigeration machinery.....	158.9	86.4	153.8	86.2	153.5	86.6	153.0	85.9	(NA)	(NA)	87.5	108.5	95.3	109.9
3586	Measuring and dispensing pumps.....	136.5	136.2	133.4	132.5	133.4	133.0	132.1	131.9	(NA)	(NA)	99.5	76.3	105.3	69.8
3589	Service industry machines, n.e.c.....	154.4	76.5	154.4	77.9	154.5	77.8	154.4	82.0	(NA)	(NA)	98.8	90.3	99.8	87.8
3584	Vacuum cleaners, industrial.....	65.2	65.2	65.1	65.1	65.1	65.1	64.9	64.9	(NA)	(NA)	110.9	110.9	110.9	154.0
3599	Miscellaneous machinery.....	131.8	81.6	132.4	81.3	132.4	81.4	132.6	81.4	(NA)	81.4	104.6	89.9	107.7	89.1
36	Electrical machinery.....	162.9	90.7	166.0	89.3	169.0	89.7	162.7	89.3	156.8	91.7	95.0	93.9	97.4	91.5
361	Electric distribution products.....	122.3	91.5	121.2	88.9	120.8	89.5	121.7	88.7	125.3	99.6	95.3	88.0	94.3	90.0
3611	Electric measuring instruments.....	111.7	63.7	111.8	63.7	111.5	64.1	111.9	63.7	(NA)	(NA)	102.8	88.0	107.7	92.7
3612	Transformers.....	138.2	121.7	137.1	121.7	137.5	122.4	137.3	120.2	(NA)	(NA)	83.8	89.0	75.7	88.5
3613	Switchgear and switchboards.....	120.2	90.8	120.0	92.1	119.1	91.8	121.0	92.4	(NA)	(NA)	98.5	87.3	97.9	89.4
362	Electric industrial apparatus.....	140.6	111.2	142.6	110.1	142.8	110.7	142.8	109.5	141.0	102.4	93.6	84.9	91.9	81.2
3621	Motors and generators.....	139.5	119.8	141.2	116.7	141.7	117.5	142.1	116.2	(NA)	(NA)	90.0	87.2	87.4	85.2
3622	Industrial controls.....	160.5	117.1	163.1	113.3	162.5	113.9	163.0	112.6	(NA)	(NA)	100.7	78.7	98.2	71.7
3623	Electric welding apparatus.....	130.3	90.3	130.0	91.9	129.0	93.6	130.6	92.4	(NA)	(NA)	102.3	79.6	110.6	75.4
3624	Carbon and graphite products.....	142.1	88.8	143.3	88.8	142.8	88.8	143.4	88.8	(NA)	(NA)	98.7	79.1	97.3	71.0
3629	Electric industrial goods, n.e.c.....	119.7	86.7	122.8	89.8	121.5	88.6	123.5	89.2	(NA)	(NA)	87.6	91.4	85.1	88.6

See footnotes at end of table.



TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
36	Electrical machinery--Continued														
363	Household appliances.....	142.3	88.4	142.7	90.3	141.3	90.5	142.5	90.3	143.8	88.4	90.3	101.6	94.8	98.8
3631	Household cooking equipment.....	131.7	109.8	128.4	109.6	128.7	109.5	127.6	109.6	(NA)	(NA)	100.3	92.6	96.8	93.5
3632	Household refrigerators.....	164.3	88.3	162.8	88.7	162.4	89.5	161.7	88.7	(NA)	(NA)	83.2	110.9	88.7	106.2
3633	Household laundry equipment.....	110.1	71.8	109.7	69.5	108.7	69.6	109.8	69.2	(NA)	(NA)	92.6	96.9	98.9	84.2
3634	Electric housewares and fans.....	169.4	103.0	166.9	97.4	165.1	98.4	166.7	97.0	(NA)	(NA)	92.1	100.0	91.3	99.7
3635	Household vacuum cleaners.....	135.5	102.1	134.5	103.7	134.3	103.5	134.3	103.7	(NA)	(NA)	95.9	104.3	102.3	98.2
3636	Sewing machines.....	110.2	119.0	116.6	121.2	117.5	121.5	117.3	121.1	(NA)	(NA)	109.3	85.5	135.7	92.6
3639	Household appliances, n.e.c.....	132.9	67.2	129.0	71.7	129.2	72.9	127.9	72.4	(NA)	(NA)	87.7	103.3	93.4	121.7
364	Lighting and wiring devices.....	130.3	85.7	129.0	82.1	129.9	83.3	129.2	82.5	131.7	85.3	101.8	91.2	100.7	94.5
3641	Electric lamps.....	131.3	89.2	128.2	89.5	128.3	89.6	129.1	89.5	(NA)	-	106.5	90.3	102.1	89.3
3642	Lighting fixtures.....	139.0	87.2	136.7	86.6	138.8	88.2	136.7	87.0	(NA)	-	102.6	91.5	105.5	97.4
3643	Current carrying devices.....	121.6	66.8	121.6	65.1	121.4	65.2	121.6	65.2	(NA)	-	101.1	94.5	97.4	97.0
3644	Noncurrent carrying devices.....	122.5	102.4	124.9	93.9	125.2	94.3	124.3	94.1	(NA)	-	96.1	88.1	93.7	93.0
365	Radio and TV receiving equipment.....	163.8	101.3	164.0	96.7	161.7	97.5	164.1	96.0	156.5	97.0	90.0	100.0	93.8	121.7
3651	Radio and TV receiving sets.....	169.4	104.5	170.6	99.6	168.0	100.4	170.9	98.9	(NA)	-	88.8	100.7	91.2	125.0
3652	Phonograph records.....	112.0	65.9	116.2	66.0	116.1	65.5	116.2	65.7	(NA)	-	105.3	90.8	114.5	95.9
366	Communication equipment.....	226.0	82.8	227.9	80.5	232.6	79.7	223.1	81.0	218.4	78.1	97.4	98.4	103.2	94.3
3661	Telephone; telegraph apparatus.....	147.4	57.0	147.9	56.5	147.8	56.4	148.0	56.5	(NA)	-	97.0	113.9	96.1	119.9
3662	Radio, TV communications equipment.....	259.5	97.8	265.1	97.7	266.2	97.3	264.8	97.7	(NA)	-	97.5	92.0	105.5	82.7
367	Electronic components.....	186.0	78.3	187.6	79.3	189.4	78.3	186.9	79.7	183.5	82.0	92.0	90.3	93.0	77.4
3671	Electron tubes, receiving type.....	84.7	95.9	85.8	95.7	85.6	95.7	85.7	95.7	(NA)	-	102.1	88.7	102.8	74.9
3672	Cathode ray picture tubes.....	169.6	107.9	177.3	107.4	181.1	107.4	173.9	107.5	(NA)	-	99.6	108.9	107.2	164.5
3673	Electron tubes, transmitting.....	113.6	72.1	115.4	72.2	115.2	72.1	115.1	72.3	(NA)	-	102.6	94.2	106.9	92.9
3674	Semiconductors.....	388.3	71.5	383.7	72.3	381.5	71.3	385.0	72.5	(NA)	-	73.4	87.6	70.0	67.8
3679	Electronic components, n.e.c.....	202.0		200.2		203.1		199.2		(NA)	-	93.5		96.0	
369	Electrical products, n.e.c.....	142.1	97.8	140.5	99.6	142.6	100.6	140.8	99.1	145.5	97.8	100.4	93.1	103.4	86.7
3691	Storage batteries.....	151.7	92.6	155.1	94.0	154.8	94.3	153.6	93.3	(NA)	(NA)	94.1	102.6	105.6	91.7
3692	Primary batteries, dry and wet.....	150.0	109.9	147.7	110.1	147.7	110.0	147.6	110.0	(NA)	(NA)	95.6	80.3	102.3	70.5
3693	X-ray apparatus and tubes.....	143.3	126.7	143.2	131.1	141.5	130.2	141.7	132.5	(NA)	(NA)	105.6	81.7	104.3	75.8
3694	Engine electrical equipment.....	141.8	102.6	139.9	103.1	142.6	103.3	140.9	103.1	(NA)	(NA)	104.6	93.2	100.1	88.6
3699	Electrical products, n.e.c.....	114.9	66.8	116.5	67.8	117.6	67.8	116.4	68.6	(NA)	(NA)	101.2	91.4	116.1	93.5
37	Transportation equipment.....	149.8	110.5	134.2	104.0	134.1	104.3	137.0	104.9	145.2	108.0	98.2	86.6	105.8	83.1
371	Motor vehicles and equipment.....	176.2	119.2	168.6	118.5	169.5	118.9	169.3	118.6	172.7	119.2	99.3	85.9	109.9	77.5
3713	Truck and bus bodies.....	151.8	100.0	151.1	97.0	151.2	97.6	151.5	97.1	(NA)	(NA)	102.3	79.7	104.2	84.2
3715	Truck trailers.....	153.5	106.8	152.2	107.2	151.7	107.3	152.4	107.0	(NA)	(NA)	99.3	88.7	103.9	82.3
3717	Motor vehicles and parts.....	177.0	119.8	169.8	119.6	170.5	119.8	170.4	119.8	(NA)	(NA)	99.2	86.0	110.1	77.3
372	Aircraft and parts.....	110.9	104.8	111.3	101.5	111.9	100.7	110.4	103.3	113.8	100.9	96.2	86.9	101.4	85.8
3721	Aircraft.....	101.9	110.6	104.0	105.3	105.2	105.5	101.7	104.7	(NA)	(NA)	96.3	85.9	100.0	86.7
3722	Aircraft engines and parts.....	129.5	104.2	129.5	99.0	127.9	95.5	133.3	108.1	(NA)	(NA)	96.1	89.3	106.9	90.7
3723	Aircraft propellers and parts.....	92.7	110.7	91.9	111.1	93.3	110.7	93.4	109.5	(NA)	(NA)	90.5	85.2	105.6	80.1
3729	Aircraft equipment, n.e.c.....	110.4	93.0	110.8	95.7	111.5	95.1	109.9	96.9	(NA)	(NA)	96.4	86.4	98.4	79.7
373	Ship and boat building.....	112.9	68.5	113.6	68.9	114.1	69.3	113.9	69.0	114.3	69.9	92.4	93.1	97.7	104.5
3731	Ship building and repairing.....	113.6	70.2	114.9	70.9	115.2	70.5	115.1	70.9	(NA)	(NA)	90.9	95.0	96.3	107.1
3732	Boat building and repairing.....	109.4	59.4	107.7	59.2	107.5	60.8	108.6	59.5	(NA)	(NA)	99.8	83.1	106.3	90.8
374	Railroad equipment.....	153.1	119.9	154.4	117.8	153.0	120.2	153.9	117.9	149.0	117.2	106.5	84.4	112.8	87.6
3741	Locomotives and parts.....	114.5	122.4	119.3	122.9	117.9	123.5	119.8	122.7	(NA)	(NA)	101.5	91.0	104.0	87.6
3742	Railroad and street cars.....	181.3	117.9	177.2	114.5	177.8	117.9	175.8	114.8	(NA)	(NA)	109.4	79.4	119.2	87.3
3751	Motoreycles, bicycles, and parts.....	169.5	76.0	168.5	74.6	168.5	75.6	168.5	74.1	(NA)	75.1	95.0	106.5	93.7	102.7
379	Transportation equipment, n.e.c.....	157.7	56.3	158.6	57.0	158.7	56.9	158.5	57.0	159.9	58.6	101.4	92.7	115.5	92.9
3791	Trailer coaches.....	154.4	52.0	155.4	51.9	155.2	51.9	155.4	52.0	(NA)	(NA)	88.9	95.1	100.9	100.7
3799	Transportation equipment, n.e.c.....	174.0	79.2	170.5	79.0	171.5	79.2	170.9	79.1	(NA)	(NA)	103.9	82.4	108.3	70.7
38	Instruments and related products.....	137.5	84.6	132.7	83.7	132.1	83.7	132.1	84.0	138.0	84.0	101.8	88.9	103.5	88.4
3811	Scientific instruments.....	72.5	65.9	73.2	65.4	73.3	66.1	73.3	64.9	(NA)	65.9	101.9	92.2	101.9	90.2
382	Mechanical measuring devices.....	152.4	95.5	152.8	93.4	152.9	93.6	153.5	94.5	151.0	94.8	102.4	80.8	102.6	81.9
3821	Mechanical measuring devices.....	157.4	90.7	158.8	88.2	158.9	88.6	160.0	89.4	(NA)	(NA)	101.5	82.2	102.0	84.0
3822	Automatic temperature controls.....	142.4	105.5	141.7	103.8	141.5	104.0	142.5	104.0	(NA)	(NA)	104.2	78.5	103.8	78.6

See footnotes at end of table.



**TABLE 5. Special-Purpose Production and Unit Value Indexes,  
1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Indexes of production with special-purpose weights										Indexes of unit value			
		Value of shipments		Total employment		Total payroll		Production worker man-hours		Electric energy used		Value of shipments per unit shipped		Value added per unit of output	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
38	Instruments and related products--Con.														
3831	Optical instruments and lenses.....	189.6	92.8	199.5	101.6	200.0	100.9	199.7	102.1	(NA)	101.1	102.1	85.0	108.0	91.0
384	Medical instruments and supplies.....	148.4	82.3	150.8	81.2	149.4	81.6	153.1	80.6	149.1	81.4	99.1	88.4	102.3	83.8
3841	Surgical and medical instruments.....	222.4	65.9	220.2	68.9	217.4	68.8	222.5	69.1	(NA)	(NA)	98.6	91.7	90.5	87.9
3842	Surgical appliances and supplies.....	134.8	86.4	133.7	85.3	134.5	85.5	132.8	85.3	(NA)	(NA)	97.4	88.5	105.0	81.6
3843	Dental equipment and supplies.....	119.1	85.4	119.4	85.3	118.8	85.3	119.8	85.3	(NA)	(NA)	107.3	84.5	112.5	87.1
3851	Ophthalmic goods.....	133.1	75.0	132.5	73.6	132.5	75.3	132.6	73.2	(NA)	74.8	104.3	104.5	98.0	105.0
3861	Photographic equipment.....	150.7	85.2	139.3	85.0	139.9	85.3	136.4	85.2	(NA)	84.5	102.1	90.6	104.7	89.6
387	Watches, clocks, and watchcases.....	150.7	112.7	139.9	109.6	142.1	110.0	134.8	109.2	148.3	109.4	102.3	94.0	108.7	100.1
3871	Watches and clocks.....	156.6	112.9	145.8	109.5	148.2	109.9	140.5	108.8	(NA)	(NA)	102.1	94.3	108.6	101.0
3872	Watchcases.....	93.8	112.0	93.7	111.1	93.7	111.0	93.7	111.6	(NA)	(NA)	105.0	90.8	111.5	91.3
39	Miscellaneous manufacturing.....	131.4	86.2	131.0	86.5	131.3	86.9	130.6	86.6	129.2	89.0	100.0	95.0	101.3	94.6
391	Jewelry and silverware.....	135.9	101.9	132.3	102.5	132.8	102.1	131.5	103.2	124.8	113.4	102.3	93.1	98.5	91.7
3931	Musical instruments and parts.....	139.7	71.3	137.1	76.6	137.1	77.2	135.5	76.5	(NA)	76.7	98.0	102.0	108.2	102.5
394	Toys and sporting goods.....	136.0	72.1	137.0	72.9	135.2	72.3	137.4	73.3	136.6	72.7	99.7	93.2	101.6	92.3
3941	Games and toys.....	149.9	73.9	150.2	74.0	149.6	74.0	150.3	74.0	(NA)	(NA)	98.3	95.7	102.8	96.4
3942	Dolls.....	156.8	97.3	153.1	97.0	154.5	97.5	153.3	96.8	(NA)	(NA)	99.4	92.2	115.6	87.9
3943	Children's vehicles.....	111.8	122.2	111.7	120.3	112.2	121.3	112.2	120.3	(NA)	(NA)	98.0	88.6	98.9	90.2
3949	Sporting and athletic goods.....	120.4	57.4	120.1	58.3	118.7	57.3	120.5	58.6	(NA)	(NA)	101.5	91.9	96.5	89.5
395	Pens, pencils, and office supplies.....	140.9	79.9	145.0	81.5	145.2	80.7	144.9	81.5	139.5	82.3	96.6	103.7	98.8	106.5
3951	Pens and mechanical pencils.....	139.0	74.7	140.4	74.3	139.7	74.3	140.1	74.2	(NA)	(NA)	89.9	119.6	94.4	126.9
3952	Lead pencils and art goods.....	122.9	101.4	121.3	104.8	121.1	104.3	121.5	104.8	(NA)	(NA)	101.8	85.7	110.8	84.9
3953	Marking devices.....	222.1	86.2	221.7	85.8	220.9	85.8	223.9	85.8	(NA)	(NA)	95.0	105.2	96.4	101.4
3955	Carbon paper and inked ribbons.....	119.4	68.0	116.7	67.7	116.5	67.5	116.3	67.5	(NA)	(NA)	102.4	100.0	98.9	99.3
396	Costume jewelry and notions.....	122.2	96.6	119.6	95.3	121.3	96.3	119.4	95.6	125.3	97.0	102.5	97.5	100.1	98.0
3961	Costume jewelry.....	110.5	98.9	110.4	98.4	110.1	98.3	110.4	98.4	(NA)	(NA)	101.0	99.4	99.3	97.0
3962	Artificial flowers.....	88.8	82.1	88.4	82.3	88.5	82.4	88.4	82.3	(NA)	(NA)	103.5	99.4	95.2	104.8
3963	Buttons.....	121.3	114.3	120.8	113.3	121.3	113.5	120.7	113.3	(NA)	(NA)	98.2	88.1	94.8	88.7
3964	Needles, pins, and fasteners.....	145.5	93.1	144.4	90.5	144.4	93.3	144.4	91.0	(NA)	(NA)	104.9	97.8	103.2	100.2
398	Miscellaneous manufactures, part one.....	114.8	91.0	114.4	90.3	114.6	90.3	114.1	90.7	113.0	97.5	100.9	95.2	105.0	93.6
399	Miscellaneous manufactures, part two.....	136.3	92.8	136.3	91.4	137.4	92.3	136.0	91.2	136.6	92.0	98.8	91.3	100.1	90.9
3981	Brooms and brushes.....	113.6	85.7	113.0	85.7	112.9	84.2	112.7	85.5	(NA)	(NA)	103.0	94.2	107.1	86.9
3982	Hard surface floor coverings.....	110.8	104.3	107.6	105.7	109.0	107.8	107.0	105.0	(NA)	(NA)	100.0	100.2	114.1	102.8
3983	Matches.....	98.4	108.7	98.0	108.3	98.0	108.5	98.0	108.3	(NA)	(NA)	94.9	82.2	94.5	78.5
3984	Candles.....	138.6	94.7	138.6	95.2	138.5	95.2	138.6	95.2	(NA)	(NA)	100.0	96.7	107.4	101.1
3987	Lamp shades.....	110.9	122.1	111.3	120.2	111.0	120.1	111.4	120.0	(NA)	(NA)	100.1	94.1	99.4	96.0
3988	Morticians' goods.....	120.9	77.3	120.8	76.2	121.6	76.3	121.5	76.5	(NA)	(NA)	100.8	96.5	100.2	97.5
3992	Furs, dressed and dyed.....	147.7	106.7	162.1	106.4	164.9	106.4	163.1	106.4	(NA)	(NA)	97.7	93.9	77.1	93.5
3993	Signs and advertising displays.....	140.1	87.0	140.3	86.6	140.5	88.0	140.1	86.6	(NA)	(NA)	101.0	91.0	103.3	89.8
3995	Umbrellas, parasols, and canes.....	106.6	96.8	106.6	97.4	106.9	97.4	106.6	97.4	(NA)	(NA)	97.8	91.0	91.1	90.3
3999	Miscellaneous products, n.e.c.....	133.4	98.3	132.1	95.5	131.6	96.3	132.1	95.1	(NA)	(NA)	96.0	91.4	99.0	92.3
19	Ordnance and accessories.....	135.2	113.4	131.2	117.4	133.4	109.9	127.6	120.6	137.4	134.8	96.2	91.2	110.5	82.6

NA Not available. n.e.c. Not elsewhere classified.

TABLE 6. Indexes of Output Per Unit of Labor and Power Input and Payroll Per Unit of Output, 1963 and 1954

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Output per employee				Output per production worker man-hour				Output per kw.-hrs. of electricity				Payroll per unit of output			
		Value-added weights		Employment weights		Value-added weights		Man-hour weights		Value-added weights		Electric energy weights		Value-added weights		Payroll weights	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
	Total manufacturing.....	126.0	89.4	123.4	90.4	122.9	84.5	120.2	85.8	<sup>1</sup> 105.1	<sup>2</sup> 117.4	<sup>1</sup> 104.0	<sup>2</sup> 111.8	95.0	94.0	95.8	92.7
	Durable manufacturing.....	126.2	94.0	124.6	93.8	122.4	87.4	120.3	87.5	99.3	108.9	98.3	109.3	96.5	88.7	96.2	88.6
	Nondurable manufacturing..	125.8	84.0	121.8	86.3	123.7	81.0	120.0	83.5	108.5	121.3	109.0	113.9	93.3	101.7	95.3	99.2
	MAJOR MARKET CATEGORIES																
1	Home goods and apparel.....	119.7	86.4	116.5	86.3	116.0	84.7	113.0	84.4	92.9	112.8	96.1	112.8	95.4	102.4	97.1	101.9
2	Consumer staples.....	123.4	85.5	120.6	87.3	124.3	81.3	122.2	82.8	97.7	98.9	94.4	101.9	95.1	99.2	97.3	97.2
3	Equipment and defense items, except automotive.....	122.2	92.5	122.4	92.7	125.3	83.3	123.4	83.5	93.0	107.2	90.7	110.3	99.5	88.3	98.9	88.5
4	Automotive equipment.....	141.2	97.5	137.3	95.9	123.7	90.0	121.0	88.6	113.8	128.4	111.2	126.5	91.1	88.0	92.8	88.3
5	Construction material, supplies and intermediate products.....	123.5	91.2	122.1	93.1	119.4	86.4	117.9	88.4	98.4	107.4	94.3	108.1	95.5	93.0	96.0	92.2
6	Other materials and supplies and intermediate products.....	128.8	89.6	126.6	91.1	124.8	85.2	122.4	87.1	109.0	120.5	106.6	112.5	92.7	92.6	94.0	91.1
	MAJOR INDUSTRY GROUP																
20	Food and kindred products.....	122.5	87.8	121.8	87.7	122.4	83.5	123.0	83.4	96.2	99.8	94.9	103.0	95.9	96.6	97.0	96.0
21	Tobacco manufactures.....	125.1	77.1	120.4	85.0	127.5	78.1	123.1	85.6	84.5	137.4	84.4	146.1	98.0	101.7	100.7	94.8
22	Textile mill products.....	131.0	80.8	126.5	81.8	125.4	80.0	121.2	81.0	104.3	96.3	100.7	99.3	91.8	110.7	94.1	109.4
23	Apparel and related products.....	112.9	90.2	112.1	89.6	109.5	87.9	108.9	87.0	82.5	161.5	83.2	158.9	100.8	98.4	101.8	98.3
24	Lumber and wood products.....	127.0	87.7	124.3	90.0	120.8	84.5	118.4	86.7	99.8	99.8	98.4	101.5	95.4	100.0	95.7	99.4
25	Furniture and fixtures.....	114.3	92.9	114.7	93.1	109.4	90.0	110.2	90.1	98.1	108.7	99.3	110.1	100.4	94.2	100.0	94.3
26	Paper and allied products.....	122.7	89.1	121.6	89.1	122.7	86.6	121.4	86.7	94.9	106.0	94.5	107.0	97.1	93.8	97.8	93.8
27	Printing and publishing.....	113.6	91.1	113.2	91.0	111.7	87.6	111.9	86.4	89.1	149.9	88.5	150.9	101.3	95.4	101.8	95.3
28	Chemicals and allied products.....	144.3	74.9	141.1	78.3	143.7	71.8	140.6	76.2	141.4	124.7	122.6	119.6	82.7	109.9	84.2	106.1
29	Petroleum and coal products.....	146.0	84.0	145.4	84.7	147.4	81.6	146.1	82.0	93.7	121.3	92.3	120.9	81.2	99.2	81.6	98.6
30	Rubber and plastics products, n.e.c.....	129.8	82.0	133.4	80.7	124.9	80.0	129.0	78.4	110.7	94.2	108.0	97.0	88.6	102.3	87.7	102.7
31	Leather and leather products....	108.7	89.4	109.5	89.0	106.3	88.1	107.0	87.8	94.1	116.5	90.8	119.7	105.1	98.4	104.9	98.5
32	Stone, clay, and glass products.	120.1	91.6	119.7	93.4	118.7	87.6	118.0	89.4	99.3	106.6	94.0	108.7	97.7	92.5	97.6	91.1
33	Primary metal industries.....	127.7	95.8	128.0	96.2	119.7	90.1	120.0	90.6	96.1	111.3	99.6	105.9	93.5	82.8	93.4	82.3
34	Fabricated metal products.....	120.2	95.5	120.0	95.5	114.7	89.7	114.7	89.8	94.9	116.5	95.7	117.7	96.0	88.9	96.2	88.7
35	Machinery, except electrical....	125.6	97.0	126.9	96.8	117.2	86.4	117.8	86.3	93.4	113.0	93.6	111.7	96.4	89.2	95.4	88.9
36	Electrical machinery.....	123.9	90.1	125.3	89.6	126.1	85.8	125.2	85.4	100.6	110.9	95.9	113.3	98.3	92.2	95.4	92.4
37	Transportation equipment.....	137.1	97.7	130.6	95.8	130.3	89.1	126.8	88.1	101.7	123.1	105.0	125.3	91.8	84.5	96.4	86.0
38	Instruments and related products	129.9	90.2	124.5	90.0	129.6	84.2	123.6	84.2	93.8	119.5	93.4	119.5	91.4	91.7	95.8	92.1
39	Miscellaneous manufacturing.....	122.5	84.7	122.1	84.9	120.6	81.8	119.9	82.2	96.1	104.9	94.4	108.1	94.1	100.8	94.1	100.1
19	Ordinance and accessories.....	106.0	86.9	104.5	94.9	128.4	70.1	123.0	80.8	73.1	83.7	74.9	103.7	112.9	78.5	112.7	79.8
20	Food and kindred products.....	122.5	89.8	121.8	87.7	122.4	83.5	123.0	83.4	96.2	100.0	94.9	103.0	95.9	96.6	97.0	96.0
201	Meat products.....	125.6	88.7	127.1	86.3	121.1	85.5	122.8	82.9	94.9	99.5	94.6	99.8	92.8	95.0	92.7	95.1
202	Dairies.....	125.8	84.7	125.5	84.9	130.5	73.1	132.0	74.1	94.6	104.6	94.8	105.2	94.0	98.4	94.5	98.6
203	Canned and frozen foods.....	120.9	92.9	120.0	94.2	121.0	92.0	120.0	92.7	81.5	129.0	86.4	121.6	97.9	93.7	98.0	93.0
204	Grain mills.....	131.3	83.8	129.6	84.2	129.3	79.7	127.0	80.3	103.4	104.1	97.8	103.7	90.0	98.8	91.5	98.3
205	Bakery products.....	111.5	92.8	110.6	92.4	116.3	88.7	115.6	88.3	97.6	98.7	97.5	98.7	104.3	94.1	105.0	94.2
206	Sugar.....	133.9	85.7	136.2	86.1	133.3	88.7	136.5	89.4	96.5	100.4	97.2	100.0	91.4	91.3	92.5	90.9
207	Candy and related products....	119.8	89.4	121.3	87.4	117.9	87.1	119.5	85.2	89.1	106.8	91.4	106.9	100.2	94.9	99.3	96.9
208	Beverages.....	121.0	86.3	119.3	86.7	124.0	82.4	121.9	82.8	100.7	102.5	91.4	104.5	98.1	98.1	98.1	96.9
209	Miscellaneous foods and kindred products.....	123.6	79.4	124.7	83.5	126.2	74.0	127.7	78.6	103.8	81.9	91.4	98.4	96.4	100.2	95.3	97.1
21	Tobacco manufactures.....	125.1	77.1	120.4	85.0	127.5	78.1	123.1	85.6	84.5	137.4	84.4	146.1	98.0	101.7	100.7	94.8
211	Cigarettes.....	115.1	90.6	117.4	90.1	116.3	90.7	117.9	90.1	87.0	165.5	87.0	164.5	106.2	90.7	104.5	91.2
212	Cigars.....	144.8	71.0	145.0	71.0	145.6	70.7	145.9	70.7	89.5	104.8	89.5	104.8	81.3	117.1	81.2	117.1
213	Chewing and smoking tobacco..	107.1	91.7	106.4	92.0	120.4	92.4	119.6	92.9	86.5	130.5	86.5	130.5	112.2	90.7	112.8	90.5
214	Tobacco stemming and redrying..	99.1	102.7	99.2	105.6	105.6	107.9	105.7	109.5	71.6	140.8	71.6	140.9	116.4	71.6	116.3	72.2
22	Textile mill products.....	131.0	80.8	126.5	81.8	125.4	80.0	121.2	81.0	104.3	96.3	99.3	99.3	91.8	110.7	94.1	109.4
221	Weaving mills, cotton.....	129.0	83.1	128.3	83.6	121.7	83.4	121.1	83.8	100.6	105.7	100.6	105.7	96.1	106.8	96.4	106.6
222	Weaving mills, synthetics....	133.2	76.2	133.1	77.8	126.4	75.7	126.1	77.9	99.8	81.2	99.8	81.2	92.0	117.5	92.0	116.7
223	Weaving, finishing mills, wool	125.9	84.8	133.6	83.8	123.8	84.0	131.5	82.6	94.2	122.7	94.2	122.2	92.2	110.3	87.1	110.6
224	Narrow fabric mills.....	125.8	87.3	125.2	87.4	124.3	86.4	123.7	86.4	96.7	112.0	96.8	112.0	90.2	100.9	90.3	100.6
225	Knitting mills.....	127.5	80.6	120.9	82.2	123.2	78.7	117.5	79.9	99.8	68.0	91.0	70.6	92.0	109.9	93.5	108.3
226	Textile finishing, except wool	123.8	90.6	117.0	91.2	122.1	89.0	115.1	89.5	114.2	136.0	113.7	137.0	96.0	101.6	101.8	100.7
227	Floor covering mills.....	152.7	70.0	138.4	71.1	143.3	70.2	131.0	72.1	117.7	275.5	105.5	284.4	76.5	135.1	89.4	128.0
228	Yarn and thread mills.....	136.1	73.2	131.0	74.5	126.5	74.3	122.3	75.6	97.0	83.5	96.2	83.7	89.5	122.5	91.9	120.9
229	Miscellaneous textile goods...	129.7	83.6	123.9	83.7	124.4	79.4	117.9	79.7	102.0	99.6	94.8	98.2	93.9	102.9	94.9	103.0

See footnotes at end of table.



**TABLE 6. Indexes of Output Per Unit of Labor and Power Input and Payroll Per Unit of Output, 1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry group	Output per employee				Output per production worker man-hour				Output per kw.-hrs. of electricity				Payroll per unit of output			
		Value-added weights		Employment weights		Value-added weights		Man-hour weights		Value-added weights		Electric energy weights		Value-added weights		Payroll weights	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
23	Apparel and related products....	112.9	90.2	112.1	89.6	109.5	88.0	108.9	87.0	82.5	161.6	83.2	158.9	100.8	98.4	101.8	98.3
231	Men's and boys' suits and coats.....	111.9	94.3	110.4	92.1	104.5	90.5	103.1	88.0	78.6	229.9	78.6	229.6	107.9	100.0	109.5	101.4
232	Men's and boys' furnishings...	114.2	90.8	112.6	90.8	110.3	89.5	108.7	89.3	97.0	233.6	98.0	228.7	101.3	96.2	102.1	96.0
233	Women's and misses' outerwear...	109.4	92.3	109.9	91.0	107.0	89.0	107.8	87.0	73.5	176.7	73.0	177.2	100.3	97.3	100.8	97.0
234	Women's and children's underwear.....	117.6	91.4	115.7	91.5	115.4	89.0	113.5	89.0	93.7	179.2	93.5	178.7	97.9	96.2	99.4	95.2
235	Millinery, hats, and caps.....	107.6	86.3	108.4	86.9	107.8	82.4	108.9	82.9	105.5	135.3	106.7	136.0	100.9	103.5	100.6	103.1
236	Children's outerwear.....	114.3	85.6	109.1	83.4	112.9	83.5	107.8	81.0	79.9	44.9	80.0	43.8	99.0	103.4	103.7	104.0
237	Fur goods.....	118.4	79.9	118.6	79.8	110.8	83.5	111.0	79.8	77.7	101.7	77.7	101.7	94.3	99.6	93.8	99.7
238	Miscellaneous apparel.....	116.1	90.5	112.7	92.0	121.1	88.6	108.7	90.3	102.2	199.0	102.4	199.4	99.3	95.0	102.5	94.2
239	Fabricated textiles, n.e.c....	117.2	83.8	118.3	83.9	113.5	83.2	114.6	83.1	78.9	178.9	79.8	180.1	100.5	102.7	99.1	102.2
24	Lumber and wood products.....	127.0	87.7	124.3	90.0	120.8	84.5	118.4	86.7	99.8	99.8	98.4	101.5	95.4	100.0	95.7	99.4
241	Logging camps and contractors...	136.0	87.7	136.0	88.6	123.1	86.9	123.1	87.9	82.1	127.0	82.0	127.0	89.4	100.3	89.4	99.8
242	Sawmills and planing mills....	122.8	91.7	120.8	92.0	115.9	88.0	114.5	88.5	89.2	104.2	89.0	104.4	100.6	95.8	100.4	98.6
243	Millwork and related products...	125.9	85.0	125.1	87.3	122.7	82.6	123.0	84.2	102.2	97.7	109.0	91.0	92.6	103.3	92.9	101.2
244	Wooden containers.....	124.5	92.6	125.9	93.7	119.0	88.7	120.4	89.8	101.7	111.4	100.7	110.5	94.6	92.4	95.2	92.2
249	Miscellaneous wood products...	121.0	85.8	123.3	85.1	116.5	81.2	118.5	80.5	115.8	104.7	117.5	103.8	94.5	99.6	93.7	100.7
25	Furniture and fixtures.....	114.3	92.9	114.7	93.1	109.4	90.0	110.2	90.1	98.1	103.0	99.7	110.1	100.4	94.3	100.0	94.3
251	Household furniture.....	112.8	90.6	114.1	90.9	107.7	88.6	109.5	89.0	100.2	104.8	102.8	106.7	100.6	98.9	100.1	98.6
252	Office furniture.....	120.3	99.6	120.1	98.2	116.4	93.8	116.4	92.6	92.4	122.4	92.4	121.8	95.3	83.7	95.8	84.6
253	Public building furniture.....	117.5	98.0	118.9	98.1	119.9	92.2	121.7	92.1	102.0	115.1	102.0	115.0	96.3	88.0	95.8	87.8
254	Partitions and fixtures.....	117.8	101.4	117.4	101.2	111.3	96.1	111.1	95.8	99.7	125.6	99.7	125.5	101.1	85.8	101.1	85.9
259	Furniture and fixtures, n.e.c.	107.4	96.1	107.5	98.4	101.4	90.7	101.6	90.7	72.4	105.7	72.3	109.2	107.8	80.8	107.3	83.2
26	Paper and allied products.....	122.7	89.1	121.6	89.1	122.7	86.7	121.4	86.7	94.9	106.0	94.5	107.0	97.1	93.8	97.8	93.8
261	Pulpmills.....	153.1	91.2	152.5	90.2	147.0	88.3	147.7	87.4	94.3	109.5	94.2	109.5	87.9	88.9	88.0	89.8
262	Papermills, except building...	123.9	88.3	124.7	88.5	124.6	85.4	125.5	85.6	96.9	105.9	96.9	106.0	96.7	91.9	96.1	91.7
263	Paperboard mills.....	128.6	89.4	126.8	89.8	129.7	86.8	127.1	87.0	95.5	107.4	95.5	107.4	93.3	90.7	94.7	90.3
264	Paper and paperboard products...	120.8	85.0	119.2	84.0	119.8	87.0	118.3	81.7	74.9	96.5	77.2	92.8	97.6	100.5	98.4	101.3
265	Paperboard containers and boxes.....	118.2	92.5	117.5	93.3	117.5	90.5	116.8	91.2	90.9	128.2	92.0	127.7	101.1	92.4	101.0	92.2
266	Building paper and board mills	123.6	92.8	124.0	93.0	124.4	89.8	124.6	89.9	81.4	111.4	81.4	89.8	95.8	87.5	96.0	87.3
27	Printing and publishing.....	113.6	91.1	113.2	91.0	111.7	87.6	111.9	86.4	89.1	150.0	88.4	150.9	101.3	95.4	101.8	95.3
271	Newspapers.....	112.6	96.1	112.6	96.2	110.3	90.6	110.0	90.7	88.5	119.2	88.4	119.1	101.9	91.8	101.9	91.7
272	Periodicals.....	93.6	98.5	92.8	97.6	107.0	66.7	101.8	64.6	113.4	290.7	113.3	290.5	106.7	88.2	108.2	88.6
273	Books.....	110.2	81.5	111.2	81.4	107.8	84.0	113.5	83.1	90.9	140.4	97.3	136.4	110.1	106.6	108.7	107.6
274	Miscellaneous publishing.....	117.9	87.3	118.5	87.8	110.0	101.5	106.4	112.0	(NA)	231.0	(NA)	230.8	103.2	94.9	102.8	94.1
275	Commercial printing.....	117.0	89.8	115.7	90.1	113.0	88.3	111.5	88.3	87.5	182.5	85.4	182.4	100.0	95.7	100.2	96.0
276	Manifold business forms.....	137.5	71.2	136.3	71.2	127.0	64.8	125.9	64.8	98.1	134.4	98.1	134.4	85.7	122.6	86.1	122.6
277	Greeting card manufacturing...	124.3	85.4	124.2	85.1	132.8	82.7	132.8	82.2	59.1	139.5	59.1	139.5	96.1	94.2	96.1	94.0
278	Bookbinding and related work...	115.4	85.5	116.3	85.5	112.4	83.5	113.6	83.5	78.9	101.4	79.1	101.5	101.8	98.8	101.7	98.6
279	Printing trades services.....	110.6	91.6	112.0	90.7	105.7	86.5	108.2	85.3	88.3	168.9	86.4	179.9	102.5	96.2	102.4	96.2
28	Chemicals and allied products...	144.3	74.9	141.1	78.3	143.7	71.8	140.6	76.2	141.4	124.7	122.6	119.6	82.7	110.0	84.2	106.2
281	Basic chemicals.....	155.9	75.1	152.0	75.3	156.3	74.4	152.8	75.6	148.5	131.9	125.1	122.9	78.0	108.5	79.6	108.7
282	Fibers, plastics, rubbers.....	147.3	74.2	140.5	81.1	146.4	73.3	138.7	80.9	122.4	96.1	111.1	104.2	81.2	109.9	84.7	107.5
283	Drugs.....	150.2	62.5	150.4	61.8	155.2	56.5	155.3	56.2	112.1	65.4	104.6	68.1	79.6	130.2	79.7	131.9
284	Cleaning and toilet goods.....	133.8	79.5	132.5	82.0	128.4	81.4	126.1	83.8	104.2	80.9	99.5	83.9	86.5	105.0	88.0	101.0
285	Paints and allied products...	128.3	96.0	128.9	95.6	129.4	91.2	128.9	95.6	112.5	100.1	112.3	100.3	92.8	88.3	92.9	88.4
286	Gum and wood chemicals.....	113.8	94.1	116.0	95.5	114.0	85.7	116.0	88.8	113.8	72.0	113.7	71.9	102.0	95.9	102.5	96.3
287	Agricultural chemicals.....	132.0	89.7	128.3	92.1	129.9	79.4	126.0	82.6	68.8	112.1	70.4	115.2	90.9	96.9	92.1	95.8
289	Miscellaneous chemical products.....	124.2	77.7	124.4	85.4	122.4	68.9	123.6	77.5	105.1	87.3	104.0	90.9	95.0	105.8	94.6	96.1
29	Petroleum and coal products.....	146.0	84.0	145.4	84.7	147.4	81.6	146.1	82.0	93.7	121.4	92.2	120.9	81.2	99.2	81.6	98.6
291	Petroleum refining.....	150.4	81.8	149.7	82.2	153.3	79.8	152.6	80.3	92.2	120.9	92.2	121.9	79.5	100.8	79.8	100.3
295	Paving and roofing materials..	128.2	91.2	125.2	94.1	125.0	83.5	120.1	86.9	88.8	122.4	89.8	121.4	90.7	93.9	92.5	91.6
299	Petroleum and coal products, n.e.c.....	144.8	103.6	141.8	104.4	144.9	102.8	137.9	102.7	118.6	114.7	100.2	112.9	86.5	86.4	87.0	85.5
30	Rubber and plastics products, n.e.c.....	129.8	82.0	133.4	80.7	124.9	80.0	129.0	78.4	110.7	94.2	108.1	97.0	88.6	102.4	87.7	102.7
301	Tires and inner tubes.....	136.5	84.4	133.9	84.5	131.6	84.5	129.0	84.7	112.4	104.9	112.3	104.8	91.5	96.2	92.4	96.2
302	Rubber footwear.....	105.1	84.6	106.2	83.7	106.6	85.4	108.2	84.6	73.3	104.6	73.3	104.5	101.2	98.5	100.8	98.6
303	Reclaimed rubber.....	128.7	92.2	130.4	92.5	123.7	88.9	125.1	89.0	85.9	123.5	85.9	123.5	99.8	88.7	99.0	88.6
306	Rubber products, n.e.c.....	132.2	83.8	133.2	83.6	127.2	80.3	128.5	108.9	115.1	91.9	115.0	91.8	87.8	98.3	86.6	98.7
307	Plastics products, n.e.c.....	137.7	72.4	138.6	73.9	132.7	68.9	133.6	70.8	103.0	86.2	102.8	86.1	83.2	119.8	83.0	117.1

See footnotes at end of table.



TABLE 6. Indexes of Output Per Unit of Labor and Power Input and Payroll Per Unit of Output, 1963 and 1954--Continued

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Output per employee				Output per production worker man-hour				Output per kw.-hrs. of electricity				Payroll per unit of output			
		Value-added weights		Employment weights		Value-added weights		Man-hour weights		Value-added weights		Electric energy weights		Value-added weights		Payroll weights	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
31	Leather and leather products....	108.7	89.4	109.5	89.0	106.3	88.1	107.0	87.8	94.1	116.6	90.8	119.7	105.1	98.4	104.9	98.5
311	Leather tanning and finishing....	110.0	84.9	110.1	85.0	108.2	83.2	108.0	83.3	109.5	137.4	109.5	137.3	105.9	102.2	106.1	101.9
312	Industrial leather belting....	99.9	88.5	100.2	87.6	92.3	84.0	92.8	82.4	67.6	109.2	67.6	109.1	117.9	92.6	117.5	99.0
313	Footwear cut stock.....	110.1	96.1	109.5	96.2	106.6	94.8	106.1	94.8	89.2	117.5	89.1	117.2	104.3	91.4	104.6	91.6
314	Footwear, except rubber.....	108.8	88.7	108.5	88.7	106.2	88.4	105.9	88.4	74.6	104.8	74.6	104.8	105.5	98.3	105.6	98.4
315	Leather gloves.....	110.8	88.6	110.5	88.6	103.6	87.0	103.5	86.9	118.0	202.8	117.9	203.0	110.9	98.7	111.7	98.5
316	Luggage.....	105.7	96.2	105.5	96.1	104.4	88.5	104.2	88.3	79.7	135.9	79.8	135.8	105.0	98.0	105.1	98.1
317	Purses and small leather goods	115.9	87.7	116.7	88.2	115.0	85.4	116.0	85.8	102.9	120.9	102.4	120.6	98.0	198.2	97.9	99.1
319	Leather goods, n.e.c.....	114.4	92.1	114.5	91.9	109.0	89.7	109.0	89.6	105.6	43.1	105.5	43.1	100.5	92.9	100.5	92.9
32	Stone, clay, and glass products..	120.1	91.7	119.7	93.5	118.7	87.6	118.0	89.4	99.3	106.6	94.0	108.7	97.7	92.5	97.6	91.2
321	Flat glass.....	135.2	90.7	135.3	93.2	131.6	85.0	131.7	87.0	109.8	135.1	110.0	135.2	88.5	94.3	88.3	93.2
322	Pressed and blown glassware...	117.3	93.2	117.4	93.3	116.0	93.8	115.9	93.5	92.1	113.1	91.7	111.7	99.8	88.9	99.9	88.9
323	Products of purchased glass...	123.2	103.2	123.2	101.1	117.9	97.3	118.0	95.2	81.2	87.9	81.2	87.7	94.0	86.1	94.1	87.0
324	Cement, hydraulic.....	129.7	91.2	129.6	91.2	132.6	86.6	132.5	86.5	95.4	106.5	95.4	106.5	96.6	88.7	96.6	88.7
325	Structural clay products.....	120.5	97.2	119.2	97.4	117.8	91.4	116.2	91.3	88.1	125.5	86.3	128.0	98.3	90.7	99.9	90.5
326	Pottery and related products...	131.4	89.8	129.3	94.8	127.2	87.3	125.3	90.7	102.9	129.4	103.8	128.9	73.3	92.6	74.6	90.2
327	Concrete and plaster products..	115.0	99.9	115.3	100.1	115.4	93.7	115.4	94.1	95.4	103.8	89.8	114.3	102.9	85.3	102.5	85.4
328	Cut stone and stone products..	103.4	72.6	103.5	72.0	99.7	69.3	99.8	69.0	66.1	52.9	66.1	52.9	110.8	122.5	110.7	121.8
329	Nonmetallic mineral products..	119.7	84.4	121.1	85.8	116.6	81.0	117.5	82.6	95.8	105.0	95.3	101.2	101.4	99.9	100.2	98.8
33	Primary metal industries.....	127.7	95.8	128.0	96.2	119.7	90.1	120.0	90.6	96.1	111.4	99.6	105.9	93.5	82.8	93.4	82.3
331	Steel rolling and finishing...	127.1	99.0	126.3	99.4	120.4	93.0	119.5	93.4	96.1	118.8	95.5	115.2	93.3	76.3	93.6	76.0
332	Iron and steel foundries.....	125.5	95.7	125.9	95.6	112.2	89.4	112.4	89.4	90.6	115.7	92.6	115.5	101.2	90.5	100.7	90.4
333	Primary nonferrous metal.....	136.5	86.9	130.9	85.0	132.6	84.0	127.1	81.8	98.8	100.9	96.6	95.6	87.0	91.5	89.6	93.1
334	Secondary nonferrous metals...	126.4	93.9	127.9	92.2	120.5	86.5	121.1	85.0	79.8	100.7	79.7	100.7	94.1	92.3	93.4	94.0
335	Nonferrous rolling and drawing	132.7	91.6	132.3	91.0	127.4	87.3	127.3	86.9	104.7	112.4	106.0	109.5	89.3	89.7	89.4	90.3
336	Nonferrous foundries.....	128.8	93.1	129.9	93.1	119.6	88.7	120.8	88.6	83.9	114.9	86.0	114.5	90.1	93.5	89.2	93.6
339	Primary metal industries, n.e.c.....	136.4	98.1	134.8	97.2	126.6	90.1	125.2	89.3	112.7	126.1	122.6	121.5	88.8	86.5	90.1	86.7
34	Fabricated metal products.....	120.2	95.5	120.0	95.5	114.7	89.7	114.7	89.9	94.9	116.6	95.7	117.7	96.0	89.0	96.2	88.7
341	Metal cans.....	111.5	86.9	112.1	86.7	106.1	85.4	106.6	85.3	86.9	121.7	86.9	121.7	113.3	91.2	113.1	91.2
342	Cutlery, handtools, hardware..	130.3	95.6	126.0	96.2	121.8	88.3	118.0	88.8	89.9	119.6	89.5	119.6	92.9	90.3	94.8	90.3
343	Plumbing and heating, except electric.....	127.2	82.9	126.7	82.7	125.4	78.6	124.5	78.3	109.6	101.3	109.1	101.4	90.6	103.5	91.0	103.7
344	Structural metal products.....	118.0	101.3	117.9	101.1	113.8	95.3	113.7	95.2	93.6	118.8	92.4	119.9	94.4	83.8	94.5	83.5
345	Screw machine products, bolts, etc.....	123.7	100.8	123.6	101.2	116.1	94.4	116.2	95.1	100.3	120.9	100.0	120.3	96.5	85.8	96.2	85.5
346	Metal stampings.....	120.4	89.0	120.5	88.7	114.4	85.3	114.7	85.0	96.4	108.6	96.4	108.6	94.4	95.9	93.7	95.4
347	Metal services, n.e.c.....	118.7	94.8	118.6	94.3	114.6	88.6	114.5	88.3	108.3	143.5	107.0	151.0	98.7	92.6	98.7	92.9
348	Fabricated wire products, n.e.c.....	117.7	91.6	118.7	91.3	110.3	85.9	111.7	85.6	102.1	108.1	102.1	108.1	96.8	94.4	96.2	94.5
349	Fabricated metal products, n.e.c.....	117.7	99.5	117.5	99.3	113.4	92.2	113.2	92.1	93.9	110.7	94.3	113.5	98.6	84.6	98.9	84.5
35	Machinery, except electrical....	125.6	97.0	126.9	96.8	117.2	86.4	117.8	86.4	93.4	113.0	93.6	111.7	96.4	89.2	95.4	88.9
351	Engines and turbines.....	135.3	83.8	135.4	87.0	126.6	75.2	127.9	78.5	71.6	75.3	71.5	77.1	90.1	101.0	90.9	98.7
352	Farm machinery and equipment..	114.2	84.7	114.1	84.7	107.9	81.4	107.8	81.3	94.3	96.2	94.3	95.6	105.6	99.7	105.9	99.4
353	Construction and like equip- ment.....	121.7	98.1	121.2	97.9	110.3	87.0	109.1	86.9	92.9	115.1	91.2	113.7	100.1	88.7	100.2	88.6
354	Metalworking machinery.....	124.7	110.9	124.9	112.0	113.2	97.0	112.4	95.8	91.8	136.4	93.1	140.6	96.5	80.6	97.2	80.4
355	Special industry machinery....	126.1	96.7	127.2	96.6	119.4	88.9	122.0	88.4	110.1	135.0	110.4	133.0	96.2	89.4	95.6	89.7
356	General industrial machinery..	129.9	101.3	134.0	101.2	120.2	90.8	122.8	91.5	94.0	116.1	96.8	114.3	94.1	83.1	90.7	83.1
357	Office machines, n.e.c.....	139.9	90.6	142.7	87.6	139.2	73.3	141.0	70.8	96.9	132.6	96.8	128.2	89.8	90.5	87.3	95.2
358	Service industry machines....	135.3	84.9	134.1	85.3	129.4	74.5	127.7	74.6	104.6	82.4	106.0	81.5	87.0	102.6	87.9	101.7
359	Miscellaneous machinery.....	112.5	96.3	112.7	96.2	105.8	90.6	106.1	90.5	84.0	117.2	84.0	117.0	104.4	89.0	104.2	89.0
36	Electrical machinery.....	123.9	90.1	125.3	89.6	126.1	85.8	125.2	85.4	100.6	110.9	95.9	113.3	98.3	92.2	95.4	92.4
361	Electric distribution products	123.3	96.5	123.3	93.8	119.8	91.7	120.2	89.0	89.3	107.4	92.4	116.8	93.6	86.7	93.9	88.7
362	Electric industrial apparatus..	137.8	101.5	138.5	101.2	126.6	95.2	127.5	94.4	114.5	125.0	113.8	116.0	86.5	83.3	85.9	83.1
363	Household appliances.....	139.7	76.5	139.9	77.8	132.7	75.0	132.6	76.3	113.5	123.3	114.8	122.7	82.8	111.2	83.5	109.2
364	Lighting and wiring devices...	122.2	89.9	120.5	88.7	118.4	83.5	117.0	82.9	99.6	96.2	98.8	98.6	95.4	94.6	96.0	94.5
365	Radio and TV receiving equip- ment.....	130.8	63.9	133.6	62.5	126.2	65.6	128.9	63.8	92.1	76.6	90.2	75.4	87.6	136.4	86.9	137.9
366	Communication equipment.....	112.3	81.6	111.9	81.9	119.6	71.1	117.0	71.8	72.5	81.6	68.1	106.0	109.7	90.0	107.9	90.8
367	Electronic components.....	127.2	119.9	129.5	120.6	134.4	119.3	136.1	120.8	89.6	131.6	88.7	137.3	97.0	71.7	93.8	76.7
369	Electrical products, n.e.c....	129.8	91.1	128.7	90.5	122.5	89.0	121.8	88.0	101.2	106.8	104.0	104.3	92.6	93.3	91.9	93.0

See footnotes at end of table.



TABLE 6. **Indexes of Output Per Unit of Labor and Power Input and Payroll Per Unit of Output, 1963 and 1954--Continued**

(1958 = 100, cross weighted and the indexes for 1958 are 100.0 in every case)

Code	Major market categories and industry groups	Output per employee				Output per production worker man-hour				Output per kw.-hrs. of electricity				Payroll per unit of output			
		Value-added weights		Employment weights		Value-added weights		Man-hour weights		Value-added weights		Electric energy weights		Value-added weights		Payroll weights	
		1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954	1963	1954
37	Transportation equipment.....	137.1	97.8	130.6	95.8	130.3	89.1	126.8	88.1	101.7	123.2	105.0	125.3	91.8	84.5	96.4	86.0
371	Motor vehicles and equipment..	143.4	98.5	140.3	98.2	123.4	89.6	121.3	89.4	110.5	134.0	110.1	134.4	90.8	86.7	92.3	86.7
372	Aircraft and parts.....	126.2	97.5	125.4	97.7	140.8	88.3	138.6	90.0	95.1	121.1	96.7	120.7	99.4	81.8	99.4	82.2
373	Ship and boat building.....	118.0	79.5	117.6	78.7	115.2	76.4	115.2	75.8	97.6	94.2	97.7	94.6	101.9	104.5	101.8	105.0
374	Railroad equipment.....	131.9	90.0	135.7	90.5	118.4	82.4	121.5	82.9	115.2	107.6	114.4	107.5	90.3	93.4	88.5	91.1
375	Motorcycles, bicycles, and parts.....	132.1	80.6	132.2	80.0	135.7	82.4	135.9	80.0	101.0	96.5	101.1	96.5	87.1	113.1	87.0	112.5
379	Transportation equipment, n.e.c.....	110.4	95.0	110.5	94.2	106.4	91.7	106.5	90.9	108.7	121.7	109.7	122.5	105.1	98.4	104.9	99.5
38	Instruments and related products.	129.9	90.3	124.5	90.0	129.6	84.2	123.6	84.2	93.8	119.5	93.4	119.5	91.4	91.7	95.8	92.1
381	Scientific instruments.....	126.5	92.9	126.7	91.9	127.9	84.7	128.1	83.1	108.2	146.2	108.2	145.6	86.2	87.3	86.1	87.5
382	Mechanical measuring devices..	121.5	100.5	122.8	99.5	117.4	92.9	119.1	99.5	83.4	123.8	83.2	124.1	99.2	84.7	98.0	85.5
383	Optical instruments and lenses.	121.1	82.7	121.0	83.3	125.9	78.7	125.9	79.6	83.4	56.8	84.0	56.9	104.8	101.3	104.4	101.1
384	Medical instruments and supplies.....	121.0	90.6	122.7	90.6	119.7	87.3	123.3	86.7	98.3	122.2	98.5	122.4	100.3	91.9	99.8	91.6
385	Ophthalmic goods.....	119.2	73.8	119.0	72.6	121.5	74.9	121.3	73.2	62.4	96.9	62.4	96.5	101.5	120.8	101.7	120.2
386	Photographic equipment.....	142.5	80.8	129.4	81.3	146.8	72.7	130.4	73.5	103.1	116.7	103.0	116.5	88.0	99.0	96.2	98.1
387	Watches, clocks, and watch-cases.....	133.7	96.9	123.3	97.3	134.5	96.6	119.4	96.4	81.7	120.3	81.0	120.5	86.8	91.4	92.4	90.8
39	Miscellaneous manufacturing.....	122.5	84.7	122.1	84.9	120.6	81.8	119.9	82.2	96.1	104.9	94.4	108.1	94.1	100.8	94.1	100.1
391	Jewelry and silverware.....	126.5	89.0	125.7	89.6	122.2	83.4	120.7	84.5	112.2	117.9	105.1	131.2	93.5	96.6	93.7	96.5
393	Musical instruments and parts.	110.0	78.7	109.9	78.8	104.4	70.6	103.2	70.7	98.5	95.2	98.2	95.1	100.6	107.6	100.6	106.8
394	Toys and sporting goods.....	118.1	79.6	119.5	81.2	117.8	78.2	119.5	80.2	86.7	91.7	87.5	93.3	94.1	103.1	94.2	101.9
395	Pens, pencils, and office supplies.....	132.6	82.4	133.8	83.8	127.3	77.9	128.4	79.2	105.7	101.8	102.7	104.5	89.3	109.8	88.2	109.1
396	Costume jewelry and notions..	131.5	81.2	128.3	80.6	128.8	77.9	125.5	77.7	81.6	94.5	83.3	95.3	90.2	107.6	91.1	107.4
398	Miscellaneous manufactures, part one.....	120.9	86.3	119.8	85.5	121.2	84.8	119.9	85.5	102.6	104.2	100.5	111.3	96.2	98.6	96.8	99.6
399	Miscellaneous manufactures, part two.....	120.3	93.3	119.5	93.0	118.5	91.9	117.4	91.5	98.9	138.1	98.4	138.5	95.0	91.8	95.0	91.2
19	Ordnance and accessories.....	106.0	86.9	104.5	94.9	128.4	70.1	123.0	80.8	73.1	83.7	74.9	103.7	112.9	78.5	112.7	79.8

NA Not available. n.e.c. Not elsewhere classified.

<sup>1</sup>Excluding government-owned, privately-operated plants in industry 2819, Inorganic Chemicals, N.E.C., the 1963 indexes become 98.6 with value-added weights and 99.7 when kilowatt-hour weights are applied.

<sup>2</sup>Excluding government-owned, privately-operated plants in industry 2819, Inorganic Chemicals, N.E.C., the 1954 indexes become 106.7 with value-added weights and 106.6 when kilowatt-hour weights are applied.

## TECHNICAL NOTES TO CHAPTER 2

This technical appendix presents the symbolic notation and formulas for each of the types of indexes published in this volume.

### SYMBOLS

Year subscripts:

0 - base year (1958)

1 - index year (1954 or 1963)

Q - quantities produced.

Price weights:

P - gross value per unit of quantity.

PVA - value added per unit of quantity.

Resource requirement weights:

RTE - total employment per unit of quantity.

RPR - total payroll per unit of quantity.

RMH - production worker man-hours per unit of quantity.

REU - total energy used per unit of quantity.

REE - electric energy used per unit of quantity.

RGC - gross value of capital assets per unit of quantity.

RCE - capital expenditures per unit of quantity.

### DEFINITION OF AGGREGATES

Shown on page 42 is the type of symbolic notion for the aggregates used in the index calculation, with a brief general description of the method used for arriving at the aggregates (a) in calculating the 5-digit components of the 4-digit industry index and (b) in aggregating the 4-digit industry indexes to higher levels. For a fuller explanation refer to the text of chapter 2.

### SYMBOLIC NOTATION OF INDEX FORMULAS

The formulas for base year, index year, and cross weights are presented for the gross- and value-added-weighted index only. For other indexes only the formulas for the cross weighted form are shown.

Index of production, gross value weights:

$$\text{Base year weights: } \frac{\sum Q_1 P_0}{\sum Q_0 P_0} \times 100$$

$$\text{Index year weights: } \frac{\sum Q_1 P_1}{\sum Q_0 P_1} \times 100$$

$$\text{Cross weights: } \frac{\sum Q_1 (P_0 + P_1)}{\sum Q_0 (P_0 + P_1)} \times 100$$

Index of production, value added weights:

$$\text{Base year weights: } \frac{\sum Q_1 PVA_0}{\sum Q_0 PVA_0} \times 100$$

$$\text{Index year weights: } \frac{\sum Q_1 PVA_1}{\sum Q_0 PVA_1} \times 100$$

$$\text{Cross weights: } \frac{\sum Q_1 (PVA_0 + PVA_1)}{\sum Q_0 (PVA_0 + PVA_1)} \times 100$$

Indexes of production with resource requirement weights, cross weighted only:

$$\text{Total employment: } \frac{\sum Q_1 (RTE_0 + RTE_1)}{\sum Q_0 (RTE_0 + RTE_1)} \times 100$$

--and so analogously with the other resource requirement weights.

Indexes of output per employee, cross weights:

$$\text{Value added weights: } \frac{\sum Q_1 (PVA_0 + PVA_1)}{\sum Q_0 (PVA_0 + PVA_1)} \div \frac{\sum Q_1 RTE_1}{\sum Q_0 RTE_0} \times 100$$

$$\text{Total employment weights: } \frac{\sum RTE_0 (Q_0 + Q_1)}{\sum RTE_1 (Q_0 + Q_1)} \times 100$$

--and so analogously with output per unit of other inputs.

Indexes of unit value, cross weighted:

Value of shipments per unit shipped:

$$\frac{\sum P_1 (Q_0 + Q_1)}{\sum P_0 (Q_0 + Q_1)} \times 100$$

$$\text{Value added per unit of output: } \frac{\sum PVA_1 (Q_0 + Q_1)}{\sum PVA_0 (Q_0 + Q_1)} \times 100$$

Indexes of payroll per unit of output, cross weighted:

Value added weights:

$$\frac{\sum Q_1 RPR_1}{\sum Q_0 RPR_0} \div \frac{\sum Q_1 (PVA_0 + PVA_1)}{\sum Q_0 (PVA_0 + PVA_1)} \times 100$$

$$\text{Payroll weights: } \frac{\sum RPR_1 (Q_0 + Q_1)}{\sum RPR_0 (Q_0 + Q_1)} \times 100$$



Symbolic notation of aggregate	Method of calculation	
	5-digit level (a)	4-digit level (b)
$Q_0 P_0$	Gross value of output in year 0	Same
$Q_0 PVA_0$	Gross value of output in year 0 x value added/ value of shipments ratio in year 0	Value added in year 0
$Q_0 RTE_0$	Gross value of output in year 0 x total employment/value of shipments ratio in year 0	Total employment in year 0

--and so analogously with the other weights, except for REU, REE, and RGC which are calculated at the 4-digit level only.

$Q_1 P_1$	Gross value of output in year 1	Same
$Q_1 PVA_1$	Gross value of output in year 1 x value added/ value of shipments ratio in year 1	Value added in year 1

--and so analogously with the other weights as above.

$Q_0 P_1$	$Q_0 P_0$ x deflator with year 0 quantity weights $(\frac{Q_0 P_1}{Q_0 P_0})$	$Q_1 P_1 \div$ production index with year 1 gross value per unit of quantity weights $(\frac{Q_1 P_1}{Q_0 P_1})$
$Q_0 PVA_1$	$Q_0 P_1$ x value added/value of shipments ratio in year 1	$Q_1 PVA_1 \div$ production index with year 1 value added per unit of quantity weights $(\frac{Q_1 PVA_1}{Q_0 PVA_1})$

--and so analogously with the other weights as above.

$Q_1 P_0$	$Q_1 P_1 \div$ deflator with year 1 weights $(\frac{Q_1 P_1}{Q_1 P_0})$	$Q_0 P_0$ x production index with year 0 gross value per unit of quantity weights $(\frac{Q_1 P_0}{Q_0 P_1})$
$Q_1 PVA_0$	$Q_1 P_0$ x value added/value of shipments ratio in year 0	$Q_0 PVA_0$ x production index with year 0 value added per unit of quantity weights $(\frac{Q_1 PVA_0}{Q_0 PVA_0})$

--and so analogously with the other weights as above.

It should be noted that the indexes of value added, value of shipments, and payroll per unit with the quantity weights of year 1 are associated with the quantity indexes with the price weights of year 0, and vice versa.

The following equations demonstrate this:

$$\frac{\Sigma Q_1 PVA_1}{\Sigma Q_0 PVA_0} \div \frac{\Sigma Q_1 PVA_0}{\Sigma Q_0 PVA_0} = \frac{\Sigma Q_1 PVA_1}{\Sigma Q_1 PVA_0}$$

$$\frac{\Sigma Q_1 P_1}{\Sigma Q_0 P_0} \div \frac{\Sigma Q_1 P_0}{\Sigma Q_0 P_0} = \frac{\Sigma Q_1 P_1}{\Sigma Q_1 P_0}$$

$$\frac{\Sigma Q_1 RPR_1}{\Sigma Q_0 RPR_0} \div \frac{\Sigma Q_1 RPR_0}{\Sigma Q_0 RPR_0} = \frac{\Sigma Q_1 RPR_1}{\Sigma Q_1 RPR_0}$$

It was pointed out in the 1939-47 and 1947-54 volumes that the deflation of the industry value of output by a cross weighted price index does not yield a cross weighted production index; in practice, however, the difference is quite small.

Another characteristic of the Marshall-Edgeworth cross weight formula used in the Census indexes is that the level of the cross-weighted quantity index for any grouping is affected by the change in the average price level for that grouping, provided there is a change in relative prices for the same grouping. With the same relative changes in prices--and therefore with the same difference between the base-year-weighted and index-year-weighted quantity index--if the average price level is higher in year 1, the Marshall-Edgeworth index will be closer to the index with year 1 weights; if the average price level is higher in year 0, the Marshall-Edgeworth index will be closer to the index with year 0 weights. (This was pointed out by Warren Moskowitcz, who contributed to these indexes while he was a research assistant on the staff of the Federal Reserve Board.)

The "Fisher ideal" formula for cross-weighting avoids both of the problems just mentioned. A Fisher cross-weighted index is the square root of the product of the base-year-weighted and index-year-weighted index, and deflation of value of output by a Fisher price index does yield a Fisher output index. In calculating the 1954-58 and 1958-63 indexes, Fisher indexes were calculated for individual industries and for manufacturing as a whole; in most cases they showed little or no difference from the Marshall-Edgeworth indexes.





## APPENDIX A. PRODUCTION AND UNIT VALUE INDEXES FOR CLASSES OF PRODUCTS, 1954, 1958, AND 1963

The indexes presented in the accompanying tables are computed on a product basis and as such are to be clearly distinguished from the indexes shown in the volume proper (tables 1 to 6) which have been computed on an industry basis. The distinction becomes clear when it is recalled that an industry, by definition in the Standard Industrial Classification (SIC) system, represents an aggregation of establishments which specialize in the manufacture of like products--these are known as their primary products and serve to classify the establishment in a particular SIC industry--but which frequently manufacture other products as well (known as their secondary products). Thus, as explained in chapter 2, the computation of industry indexes requires a series of calculations to make certain that appropriate deflators and weights are assigned to the manufacture of secondary products as well as to the primary products which determine the SIC classification of the establishments composing an industry.

The indexes presented herewith in appendix A are much simpler both in concept and computation since they measure change in physical volume and average unit price for products *on a wherever-made basis*; that is, whether produced by establishments specializing in their manufacture or by establishments to whom such manufacturing is a secondary activity. The accompanying indexes show the weighted average changes in output and unit price for *classes* of products (5-digit) and higher order summations (4-, 3-, and 2-digit), rather than for the 7-digit product lines shown in table 6A of the census of manufactures industry reports. It also should be borne in mind that the average unit-price relatives are not to be confused with the Bureau of Labor Statistics (BLS) Wholesale Price Indexes (WPI) which, as noted in chapter 2, are based on *price quotations for narrowly-defined specification items*. However, census-derived average unit-value relatives, with only a few exceptions, measure the change in *average prices realized by manufacturers* from the sale or shipment of products as described in census questionnaires; that is, they measure transaction pricing at the factory.

### Relation to Table 6B Indexes Published in 1963 Census of Manufactures, Vol. II

In all but six of the 80 industry reports which presented the results of the 1963 Census of Manufactures, a table 6B was published to make available (simultaneously with the industry statistics and product data)

a series of preliminary product indexes (1954=100) measuring changes in the levels of production and average unit value between 1954 and 1958 as well as between 1958 and 1963. These preliminary indexes appeared at the product class (5-digit) level and for higher level product summations whenever comparable quantity and value data for the census years being related were obtained from products accounting for approximately 50 percent of the 1963 shipments value shown for the product class in table 6A. (In only rare instances was this 50-percent "coverage" factor departed from, and then only when 7-digit product lines providing quantity/value relationships were considered to be representative in their price behavior for other items in the product class for which no quantity data were reported.) At the 4-digit product level, similar coverage tests for publication were applied: here the proportion of the 1963 value of total product shipments accounted for by products with associated quantities usually amounted to 75 percent before the Volume II preliminary 6B indexes were published.

In the case of appendix A, *all* indexes for which there were any quantity/value data on which they could rest, directly or through representation from non-census sources, are presented together with the applicable coverage factors. (See below for an explanation of what is meant by coverage and direct product representation.)

### Criteria Applied in Selection of Unit-Value Indexes

The criteria applied by the Census Bureau and Federal Reserve Board staffs in their final review of the data underlying the wherever-made product indexes presented in appendix A (Part I, 1958-1963) have already been set forth in chapter 2 and are summarized here only for convenience of reference.

Census unit-value relatives were suspected of being affected by product mix shift, and therefore, candidates for substitution of price data from the Bureau of Labor Statistics and other sources, if the average unit-value relative, (when calculated from quantities and values shown in table 6A of the 1963 Census of Manufactures), fell *outside* the following ranges:

7-digit unit-value relative--70 to 140 (1963, 1958=100)  
5-digit unit-value relative--80 to 125 (1963, 1958=100)

In addition, substitution of available BLS wholesale price indexes and other data for census-derived unit-



value relatives was considered, whenever the census quantity/value data yielded an average unit-value change which differed from the corresponding WPI price relative by 5 percent or more in the case of product classes with a total 1963 value of \$250 million, or by 10 percent or more for product classes with 1963 values of \$50-249 million.

The guidelines also specified that deflators (average unit-value relatives) which appear to result in productivity gains of less than 2 percent per year were to be rejected; likewise, at the other end of the scale, deflators leading to implicit productivity gains of more than 8 percent per year for this 5-year interval were to be rejected. The tests of implicit productivity were made at the 4-digit level by relating the output deflated (1958 dollars) to the production worker man-hour relative (1963/1958). Only a handful (less than a score of the more than 400 industry totals tested) failed through application of these criteria for "reasonable implicit productivity."

### Coverage and Product Representation

Both in Part 1 (1958-1963) and in Part 2 (1954-1958) figures are entered under the heading "Total Coverage" to indicate the proportions of product shipments values that were represented by products for which quantity or price data were available to compute indexes of unit value and product output. Substitution of price indexes from the Bureau of Labor Statistics and other non-Census sources have been counted as representing the entire Census wherever-made value of the 7-digit product shipments for which they serve as a proxy; that is, are said to "cover" or represent. These coverage factors have been computed on both a current-year and base-year basis with product shipments weights.

In addition, for Part 1 (1958-1963) these coverage factors have been distributed under the heading "Direct Coverage Representation" to show at all product summation levels (5-, 4-, 3-, and 2-digit) the contribution made by Census-derived unit-value relatives compared to the shares contributed by BLS (from the WPI series) and by other sources such as the Tariff Commission, Bureau of Mines, and the National Institutes of Health. The product indexes for which deflators have been derived from sources other than Census or BLS are indicated in the extreme right-hand column under "Other" with symbols identifying their source.

Some BLS and Census deflators were substituted at the 5-digit level for product classes which they did not directly represent. The effect of this substitution on the computer program which computed the product indexes, deflators, and total coverage was to count such a product class as being 100 percent covered. In the 1958-63 indexes, this indirect coverage accounted

for 5.8 percent of total computed coverage. In 1947-54, similar substitution of selected price indexes added 7.1 percent to the coverage claimed (See the accompanying table A1.) The incidence of such indirect substitution in the 1958-63 computations by 2-digit major groups may be derived from table A2 below by subtracting the percentages of "Direct Coverage" appearing in the second column from the "Total Coverage" percentages shown in the first column.

TABLE A1.--Coverage of Benchmark Indexes, by Method of Representation

Method of representation	1958-63	1947-54	1939-47
Total.....	100.0	100.0	100.0
Directly represented <sup>1</sup> .....	68.9	65.0	58.5
Product and direct price data.....	65.0	61.6	50.7
Census sources.....	47.4	(NA)	(NA)
BLS (WPI) series.....	15.1	(NA)	(NA)
Other sources.....	2.5	(NA)	(NA)
Materials data.....	3.9	3.4	7.8
Indirectly represented.....	31.1	35.0	41.5
Group index.....	25.3	27.9	16.9
Selected index.....	5.8	7.1	<sup>2</sup> 24.6

<sup>1</sup>As noted earlier, the percentages of coverage for 1958-63 shown in appendix A, part I, have been calculated with the use of value of product shipments weights; however, reweighting with value-added weights applied at the major group level brought an identical result for manufacturing as a whole. Value-added weighting was the method used in aggregating the representation factors in both 1947-54 and 1939-47. (See *Volume IV, Indexes of Production: 1954 Census of Manufactures*, table A on page 16.)

<sup>2</sup>In the 1939-47 calculations, output of industries for which no product data were available was estimated on the assumption of similarity of change in output per man for represented and unrepresented industries. (See footnote 2 of table A in the 1954 Census of Manufactures volume cited above.)

The total direct representation for all manufacturing in 1963 of 68.9 percent shown in tables A1 and A2 is in terms of value of products shipped. (Reweighted at the major group level with application of value added, direct coverage also works out at 68.9 percent for all manufacturing.) This coverage represented product quantity-value or price data, with the exception of the products of major group 27, Printing and Publishing, and prefabricated houses (products of Industry 2433), where the representation was derived from materials input data. In the case of group 27, the paper cost figures published in tables 7A for the printing and publishing industries were deflated by paper unit-price changes

TABLE A2.--Coverage and Product Representation, 1958 to 1963

Major group	Title (products)	Total coverage in 1963	Direct coverage representation			
			Total direct coverage in 1963	Share contributed by data from--		
				Census sources	BLS/WPI series	Other sources
	Total, all manufactured products..	74.8	68.9	51.3	15.1	2.5
20	Food and kindred products.....	88.2	88.2	84.1	4.1	-
21	Tobacco manufactures.....	99.7	99.7	99.7	-	-
22	Textile mill products.....	89.0	89.0	57.8	31.2	-
23	Apparel and related products.....	75.6	70.8	44.1	26.7	-
24	Lumber and wood products.....	73.6	73.7	67.0	5.1	1.6
25	Furniture and fixtures.....	74.9	59.1	41.6	17.5	-
26	Paper and allied products.....	92.9	91.0	76.4	6.1	8.5
27	Printing and publishing.....	96.6	96.6	58.7	37.9	-
28	Chemicals and allied products.....	74.1	65.2	41.8	13.7	9.7
29	Petroleum and coal products.....	92.0	92.0	91.7	.3	-
30	Rubber and plastics products, n.e.c...	71.3	39.4	38.0	1.4	-
31	Leather and leather products.....	81.6	81.6	81.4	.2	-
32	Stone, clay, and glass products.....	81.9	71.8	69.1	2.7	-
33	Primary metal industries.....	95.1	90.2	83.1	5.7	1.4
34	Fabricated metal products.....	61.1	48.7	34.0	14.6	0.1
35	Machinery, except electrical.....	50.1	50.1	19.3	19.4	11.4
36	Electrical machinery.....	42.1	40.1	26.9	8.9	4.3
37	Transportation equipment.....	71.7	46.3	9.8	36.4	0.1
38	Instruments and related products.....	43.3	27.4	9.7	6.8	10.9
39	Miscellaneous manufacturing.....	43.3	43.3	27.4	15.9	-
19	Ordnance and accessories.....	50.9	3.0	.7	2.3	-

as reported by manufacturers of the printing and publishing grades, except for newsprint, where newspaper publishers' data on quantities of newsprint consumed were used; for other materials and supplies, BLS deflators from the stage-of-processing groupings were used. The addition to the 1958-1963 coverage through use of materials input data amounted to 3.9 percent at the all manufacturing level; the balance of 65.0 percent came from directly represented product data.

Approximation of the corresponding coverages in 1954, 1947, and 1939 are provided in the 1954 Census of Manufactures indexes volume. (For exact citation, see footnote 1 of table A1.) In the 1947-54 indexes, 82.2 percent of value added was represented by product data, about 75 percent of which was based on physical quantity data (designated as "Q" products), so that in the 1947-1954 Census interval, the calculation of deflators rested upon about 62 percent of directly represented products compared with 65 percent in the 1958-63 indexes. The corresponding direct coverage in the 1939-47 indexes was approximately 51 percent.

The product groups where indirect substitution had to be resorted to remain those where detailed product pricing on a comparable basis--in the census of manufactures, or by BLS or other government agencies--has

been, to say the least, elusive. Prominent among such groups are fabricated metal products, instruments, ordnance items, and furniture. As already mentioned, table A2 illustrates this feature by 2-digit group since the difference between "total coverage" and "direct coverage" measures the extent of indirect substitution as a percentage of the value of products being represented.

The columns to the right of the direct coverage factor which appear under the heading of "Direct Coverage Representation" present, also by 2-digit group, the separate contributions to the direct coverage claimed for the group by use of Census-derived unit values, the BLS (WPI) price series, and other quantity/value data. These shares of product coverage are the end-results of the whole review process which was engaged in by the Census Bureau and Federal Reserve staffs to select final deflators for output index purposes which would be both meaningful and consistent with the guidelines applied.

It will be observed in table A2 that the product groups which were identified in chapter 2 as the most difficult problem areas for selection of appropriate deflators are those exhibiting the lowest proportions of direct product pricing. Major groups with less than 60 percent of product values providing data useful for deflation



purposes, listed in the order of their relative importance in terms of 1963 value-added, are: Transportation Equipment; Machinery, Except Electrical; Electrical Machinery; Fabricated Metal Products; Instruments and Related Products; Furniture and Fixtures; Miscellaneous Manufacturing; and Ordnance and Accessories. For some of these groups this reflects the beginning of the expansion of new instrumentation, both for civilian and military purposes, and the substitution of complete "systems" made up of components and end-use items.

#### Special Note on Part 2 (1954-1958)

The coverage factors shown for 1954 and 1958 represent *total* coverage rather than direct coverage as provided in the 1963-indexes. Thus they include the indirect substitution of price indexes and other deflators at the product class (5-digit) level. The extent of overstatement of direct product coverage is believed to be about the same as the 6 percent found in 1963 as the difference between total and direct coverage.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
20	FOOD AND KINDRED PRODUCTS	119.3	119.0	119.6	97.1	96.9	97.4	88.2	88.9	84	4	-
201	MEAT PRODUCTS	123.3	123.0	123.6	87.6	87.4	87.9	87.1	88.3	78	9	-
2011	MEAT SLAUGHTERING PLANTS	119.1	119.1	119.0	89.8	89.8	89.7	94.8	96.0	94	1	-
20110	OTHER MEAT PACKING PLANT PRODUCTS, NEC	149.3	145.3	152.2	71.3	69.7	73.0	19.1	28.1	19	-	-
20111	FRESH BEEF	122.4	122.5	122.4	92.9	92.9	92.9	97.3	97.9	97	-	-
20112	FRESH VEAL	76.7	76.6	76.8	97.9	97.7	98.0	94.5	96.2	73	22	-
20113	FRESH LAMB AND MUTTON	114.5	114.5	114.5	85.9	85.9	85.9	96.2	100.0	96	-	-
20114	FRESH PORK	123.5	123.6	123.5	84.0	84.0	83.9	97.3	99.2	97	-	-
20115	LARD, SOLD AS SUCH EXCLUDING ANIMAL FAT SHORTENING	89.9	89.6	90.0	75.0	74.8	75.2	99.4	99.2	99	-	-
20119	HIDES, SKINS, AND PELTS	121.5	122.2	120.8	94.0	94.5	93.5	98.4	94.7	98	-	-
2013	MEAT PROCESSING PLANTS	129.8	129.1	130.5	80.8	80.4	81.3	70.5	74.1	40	31	-
20130	PROCESSED MEATS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20136	PORK, PROCESSED AND CURED	116.8	115.6	117.7	76.9	76.3	77.6	95.0	96.8	59	36	-
20137	SAUSAGE AND OTHER PREPARED MEAT PRODUCTS	122.7	122.7	122.8	93.7	93.7	93.8	42.1	43.5	42	-	-
20138	CANNED MEATS EXCEPT DOG AND CAT FOOD PRODUCTS CONTAINING	156.2	156.2	156.2	78.1	78.1	78.1	100.0	100.0	-	100	-
20139	NATURAL SAUSAGE CASINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2015	POULTRY DRESSING PLANTS	135.1	133.7	136.3	89.9	89.2	91.0	86.9	83.2	87	-	-
20150	POULTRY AND SMALL GAME DRESSING AND PACKING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20151	HENS OR FOWL AND BROILERS	140.1	138.3	141.7	89.5	88.6	90.8	93.9	95.4	94	-	-
20153	TURKEYS	154.4	154.4	154.4	93.4	93.4	93.4	95.7	94.8	96	-	-
20154	CANNED POULTRY, EXCEPT SOUPS	216.4	213.4	218.6	70.6	70.0	71.6	74.1	100.0	74	-	-
20155	OTHER POULTRY AND SMALL GAME KILLED IN THIS ESTABLISHMENT	80.5	80.5	80.5	91.1	91.1	91.1	100.0	100.0	100	-	-
20156	LIQUID, DRIED, AND FROZEN EGGS	100.2	99.8	101.5	92.2	91.3	93.8	31.3	19.1	31	-	-
202	DAIRIES	110.0	110.0	110.0	100.3	100.3	100.3	90.0	92.7	81	9	-
2021	CREAMERY BUTTER	102.6	102.7	102.6	99.6	99.7	99.6	98.7	100.0	99	-	-
20210	CREAMERY BUTTER	102.6	102.7	102.6	99.6	99.7	99.6	98.7	100.0	99	-	-
2022	NATURAL AND PROCESS CHEESE	134.1	134.2	134.0	104.7	104.8	104.7	93.3	95.1	93	-	-
20221	NATURAL CHEESE, EXCEPT COTTAGE CHEESE	124.7	124.7	124.7	106.0	106.0	106.0	100.0	100.0	100	-	-
20222	PROCESSED CHEESE, EXCEPT COTTAGE CHEESE	155.0	155.7	154.3	102.0	102.3	101.4	81.5	84.9	82	-	-
2023	CONDENSED AND EVAPORATED MILK	119.1	118.9	119.3	94.8	94.6	95.0	77.1	82.6	77	-	-
20230	CONDENSED, EVAPORATED OR DRIED MILK, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20231	DRY MILK PRODUCTS INCL DRY WHOLE MILK, DRY SKIM MILK	121.2	121.7	120.8	98.8	99.2	98.4	85.4	83.5	85	-	-
20232	CANNED MILK SHIPPED IN CONSUMER TYPE PACKAGES	107.9	107.9	107.9	95.6	95.6	95.6	72.4	95.8	72	-	-
20233	CONDENSED AND EVAPORATED MILK, SHIPPED IN BULK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	5	-
20234	ICE CREAM MIX AND ICE MILK MIX	160.6	160.6	160.6	82.9	82.9	82.9	100.0	100.0	100	-	-
2024	ICE CREAM AND FROZEN DESSERTS	107.7	107.4	108.0	98.8	98.5	99.1	94.0	91.2	18	76	-
20240	ICE CREAM AND ICES	107.7	107.4	108.0	98.8	98.5	99.1	94.0	91.2	18	76	-
2026	FLUID MILK	106.7	106.7	106.7	100.9	100.9	100.9	89.8	93.4	90	-	-
20260	DAIRY PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20261	BULK FLUID MILK AND CREAM	109.3	109.1	109.4	105.2	105.0	105.3	100.0	100.0	100	-	-
20262	BOTTLED MILK AND CREAM	104.1	104.1	104.1	100.2	100.2	100.2	94.0	97.2	94	-	-
20263	COTTAGE CHEESE INCL BAKERS CHEESE, POT CHEESE, ETC.	110.8	110.7	110.8	92.2	92.1	92.2	98.1	100.0	98	-	-
20264	BUTTERMILK, CHOCOLATE DRINK AND OTHER FLAVORED MILK DRINKS	112.7	112.8	112.7	105.3	105.3	105.2	95.8	100.0	96	-	-
203	CANNED AND FROZEN FOODS	123.4	122.2	124.6	101.8	100.9	102.9	75.7	73.9	76	-	-
2031	CANNED AND CURED SEAFOODS	109.5	109.0	109.9	103.7	103.3	104.1	96.7	91.5	97	-	-
20310	CANNED AND CURED SEAFOODS	109.5	109.0	109.9	103.7	103.3	104.1	96.7	91.5	97	-	-
2032	CANNED SPECIALTIES	107.1	107.0	107.2	104.8	104.7	104.9	53.0	(2)	53	-	-
20320	CANNED SOUP, OTHER CANNED SPECIALTIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20321	CANNED BABY FOODS EXCEPT MEAT	118.6	118.5	118.7	105.1	105.0	105.1	100.0	100.0	100	-	-
20323	CANNED DRY BEANS	111.2	111.1	111.3	107.9	107.8	108.0	98.4	95.8	98	-	-
20324	SPAGHETTI AND OTHER CANNED SPECIALTIES	112.0	111.8	112.2	96.8	96.6	97.0	14.6	14.9	15	-	-
2033	CANNED FRUITS AND VEGETABLES	117.3	116.3	118.4	101.4	100.6	102.4	94.4	94.2	90	-	-
20330	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, JELLIES NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20331	CANNED FRUITS, INCLUDING FRUIT PIE MIXES	114.2	113.2	115.3	98.7	97.8	99.7	98.7	97.7	99	-	-
20332	CANNED VEGETABLES, EXCLUDING BABY FOODS	116.6	116.4	116.8	103.1	102.9	103.3	95.0	95.2	95	-	-
20333	CANNED HOMINY AND MUSHROOMS	125.7	126.3	125.2	87.9	88.2	87.5	100.0	100.0	100	-	-
20334	CANNED FRUIT JUICES	120.5	116.4	125.1	106.7	103.4	111.1	94.7	90.2	95	-	-
20335	CANNED VEGETABLE JUICES	103.9	104.0	103.8	94.0	94.0	93.9	98.9	98.3	99	-	-
20336	CATSUP AND OTHER TOMATO SAUCES	118.8	118.0	119.6	102.0	101.4	102.8	99.4	98.6	59	40	-
20338	JAMS, JELLIES AND PRESERVES	126.7	126.3	127.0	102.5	102.2	102.7	93.0	100.0	93	-	-
2034	DEHYDRATED FOODS PRODUCTS	128.2	128.2	128.3	94.4	94.3	94.4	45.8	45.8	-	46	-
20340	DRIED AND DEHYDRATED FOOD PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20341	DRIED AND DEHYDRATED FRUITS AND VEG AND FRUIT PRODUCE SOUP	128.3	128.2	128.3	94.4	94.3	94.4	53.9	53.9	-	54	-
20342	SOUP MIXES, DRIED, DEHYDRATED AND FREEZE DRIED	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2035	PICKLES, SAUCES, SALAD DRESSINGS	123.5	123.4	123.6	101.0	101.0	101.1	90.7	90.5	91	-	-
20350	PICKLES, SAUCES, AND SALAD DRESSINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20352	PICKLES AND OTHER PICKLE PRODUCTS	119.9	119.5	120.3	108.1	107.8	108.5	83.3	84.5	83	-	-
20353	MEAT SAUCES EXCEPT TOMATO AND UNFINISHED PICKLES	128.5	129.1	127.8	117.5	118.0	116.9	97.1	95.6	97	-	-
20354	SALAD DRESSINGS, MAYONNAISE AND SANDWICH SPREAD	125.3	125.3	125.3	92.4	92.4	92.4	100.0	100.0	100	-	-
2036	FRESH OR FROZEN PACKAGED FISH	128.3	128.2	128.4	103.2	103.1	103.2	54.4	54.8	21	33	-
20360	FRESH AND FROZEN PACKAGED FISH AND SEAFOOD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20361	FROZEN SEAFOOD AND SEAFOOD SOUPS	130.8	130.8	130.8	100.4	100.4	100.4	45.1	45.1	-	45	-
20362	FRESH PACKAGED SEAFOOD	121.9	121.9	121.9	107.6	107.6	107.6	100.0	100.0	100	-	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
2037	FROZEN FRUITS AND VEGETABLES	164.3	160.0	168.7	101.9	99.9	105.3	83.6	83.8	84	-	-
20370	FROZEN FRUITS, FRUIT JUICES AND VEGETABLES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20371	FROZEN FRUITS AND JUICES	115.1	114.7	115.6	113.2	112.8	113.7	76.1	83.2	76	-	-
20372	FROZEN VEGETABLES	185.9	180.6	190.8	91.5	89.7	94.8	99.5	100.0	100	-	-
20373	FROZEN PREPARED FOODS OTHER THAN SOUPS AND SEAFOOD	200.7	196.5	205.1	102.6	101.2	105.7	81.3	74.0	81	-	-
204	GRAIN MILLS	122.0	122.1	122.0	97.8	97.8	97.7	89.2	91.0	89	-	-
2041	FLOUR AND MILLS	108.1	108.0	108.1	100.3	100.2	100.3	93.8	95.3	94	-	-
20410	FLOUR AND MEAL, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20411	WHEAT FLOUR, EXCEPT BLENDED OR PREPARED	105.9	105.9	105.8	98.9	99.0	98.9	99.3	99.4	99	-	-
20412	WHEAT BRAN, SHORTS, AND MIDDINGS	106.8	106.8	106.8	111.3	111.3	111.3	100.0	100.0	100	-	-
20413	DRY CORN MILLING PRODUCTS	114.2	113.4	115.0	95.4	94.8	96.1	91.1	89.3	91	-	-
20416	OTHER GRAIN MILL PRODUCTS	131.5	130.9	132.2	104.8	104.3	105.3	52.8	63.4	53	-	-
2042	PREPARED ANIMAL FEEDS	125.9	126.4	125.4	95.0	95.4	94.6	87.2	87.9	87	-	-
20420	PREPARED ANIMAL FEEDS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20421	POULTRY FEEDS	106.0	106.1	105.9	92.5	92.5	92.4	97.3	98.0	97	-	-
20422	LIVESTOCK FEEDS	148.4	148.9	147.9	97.6	97.9	97.2	96.6	97.3	97	-	-
20423	DOG AND CAT FOOD	152.2	152.5	152.0	95.1	95.2	94.9	52.1	58.2	52	-	-
20424	FEED MATERIALS	120.3	120.3	120.2	98.8	98.8	98.8	82.3	63.2	82	-	-
2043	CEREAL PREPARATIONS	121.6	121.5	121.7	107.0	106.9	107.0	97.5	97.5	98	-	-
20430	CEREAL BREAKFAST FOODS	121.6	121.5	121.7	107.0	106.9	107.0	97.5	97.5	98	-	-
2044	RICE MILLING	153.0	153.5	152.5	94.7	94.9	94.3	98.2	98.9	98	-	-
20440	RICE MILL PRODUCTS	153.0	153.5	152.5	94.7	94.9	94.3	98.2	98.9	98	-	-
2045	BLENDED AND PREPARED FLOUR	150.0	148.3	151.6	98.3	97.3	99.5	76.6	99.3	77	-	-
20455	PREPARED FLOUR AND FLOUR MIXES	150.0	148.3	151.6	98.3	97.3	99.5	76.6	99.3	77	-	-
2046	WET CORN MILLING	114.6	114.3	114.8	98.9	98.7	99.2	82.7	78.3	83	-	-
20460	WET CORN MILLING	114.6	114.3	114.8	98.9	98.7	99.2	82.7	78.3	83	-	-
205	BAKERY PRODUCTS	107.5	107.4	107.6	101.8	101.7	101.9	89.6	87.1	90	-	-
2051	BREAD AND RELATED PRODUCTS	105.2	105.1	105.3	102.3	102.2	102.4	87.0	83.9	87	-	-
20510	BREAD AND OTHER BAKERY PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20511	BREAD AND BREAD-TYPE ROLLS	109.0	109.0	109.1	103.1	103.1	103.1	95.3	94.4	95	-	-
20512	SWEET YEAST GOODS, ALL TYPES	109.5	108.5	110.5	102.1	101.2	103.1	93.3	91.8	93	-	-
20513	SOFT CAKES	105.8	105.8	105.8	100.2	100.2	100.2	100.0	100.0	100	-	-
20514	PIES	103.4	103.4	103.4	98.8	98.8	98.8	100.0	100.0	100	-	-
20515	PASTRIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20517	DOUGHNUTS, CAKE TYPE BAKING POWDER LEAVENED	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2052	BISCUIT, CRACKERS, AND COOKIES	115.6	115.6	115.7	100.2	100.1	100.2	98.4	98.6	98	-	-
20520	BISCUIT, CRACKERS, AND PRETZELS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20521	BISCUIT, CRACKERS, AND PRETZELS	129.1	129.0	129.1	99.7	99.7	99.7	99.6	100.0	100	-	-
20522	OTHER DRY BAKER PRODUCTS INCLUDING MACHINE-MADE COOKIES	109.4	109.4	109.4	100.4	100.4	100.4	98.7	100.0	99	-	-
206	SUGAR	116.2	116.2	116.1	120.7	120.8	120.7	97.5	98.7	98	-	-
2061	RAW CANE SUGAR	181.1	181.5	180.6	130.2	130.5	129.8	88.7	93.1	89	-	-
20610	CANE SUGAR, EXCEPT REFINING ONLY	181.1	181.5	180.6	130.2	130.5	129.8	88.7	93.1	89	-	-
2062	CANE SUGAR REFINING	101.5	101.4	101.5	122.8	122.8	122.8	100.0	100.0	100	-	-
20620	CANE SUGAR REFINING	101.5	101.4	101.5	122.8	122.8	122.8	100.0	100.0	100	-	-
2063	BEET SUGAR	127.4	127.5	127.3	111.5	111.5	111.4	97.9	97.6	98	-	-
20630	BEET SUGAR	127.4	127.5	127.3	111.5	111.5	111.4	97.9	97.6	98	-	-
207	CANDY AND RELATED PRODUCTS	117.2	116.7	117.7	98.8	98.4	99.3	94.4	94.4	94	-	-
2071	CONFECTIONERY PRODUCTS	115.5	115.4	115.6	102.9	102.8	103.0	97.6	97.8	98	-	-
20710	CANDY AND OTHER CONFECTIONERY PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20711	BAR GOODS EXCEPT SOLID CHOCOLATE BARS	95.4	95.4	95.4	106.1	106.1	106.1	100.0	100.0	100	-	-
20712	5-CENT AND 10-CENT SPECIALTIES	111.9	111.9	111.9	111.7	111.7	111.7	100.0	100.0	100	-	-
20713	PACKAGE GOODS EXCEPT SOLID CHOCOLATE	127.8	127.8	127.8	97.1	97.1	97.1	100.0	100.0	100	-	-
20714	BULK GOODS EXCEPT SOLID CHOCOLATE	97.3	97.3	97.3	100.4	100.4	100.4	100.0	100.0	100	-	-
20715	PENNY GOODS	119.4	119.4	119.4	104.9	104.9	104.9	100.0	100.0	100	-	-
20716	SALTED NUTS, COUGH DROPS, CONFECTIONERY PRODUCTS, NEC	126.9	126.9	126.9	107.1	107.1	107.1	98.8	96.6	99	-	-
2072	CHOCOLATE AND COCOA PRODUCTS	130.0	129.6	130.4	83.0	82.8	83.3	83.8	84.2	84	-	-
20721	CHOCOLATE COATINGS	123.7	124.0	123.4	78.6	78.7	78.4	100.0	100.0	100	-	-
20722	CONFECTIONERY-TYPE CHOCOLATE MADE IN CHOCOLATE PLANTS	144.2	144.2	144.2	87.9	87.9	87.9	100.0	100.0	100	-	-
20728	OTHER CHOCOLATE AND COCOA PRODUCTS	125.0	122.6	127.0	82.1	80.8	83.7	59.4	62.5	59	-	-
2073	CHEWING GUM	104.8	104.5	105.0	112.7	112.4	113.0	100.0	100.0	100	-	-
20730	CHEWING GUM	104.8	104.5	105.0	112.7	112.4	113.0	100.0	100.0	100	-	-
208	BEVERAGES	121.0	120.5	121.6	107.3	106.9	107.8	95.1	95.3	95	-	-
2082	MALT LIQUORS	113.5	113.0	114.0	101.9	101.5	102.4	99.8	99.9	100	-	-
20820	MALT LIQUORS AND BREWING BYPRODUCTS	113.5	113.0	114.0	101.9	101.5	102.4	99.8	99.9	100	-	-
2083	MALT	64.4	64.4	64.4	100.0	100.0	100.0	91.2	100.0	91	-	-
20830	MALT AND MALT BYPRODUCTS	64.4	64.4	64.4	100.0	100.0	100.0	91.2	100.0	91	-	-
2084	WINES AND BRANDY	127.5	127.3	127.6	107.9	107.8	108.0	84.5	88.9	85	-	-
20840	WINES AND BRANDY	127.5	127.3	127.6	107.9	107.8	108.0	84.5	88.9	85	-	-

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 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
2085	DISTILLED LIQUOR EXCEPT BRANDY	119.6	119.3	120.0	99.0	98.8	99.4	100.0	99.9	100	-	-
20850	DISTILLED LIQUORS, EXCEPT BRANDY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20851	DISTILLED LIQUORS, EXCEPT BRANDY	105.1	104.3	105.9	106.9	106.1	107.8	100.0	100.0	100	-	-
20853	BOTTLED LIQUORS	123.1	123.0	123.2	97.5	97.4	97.5	100.0	100.0	100	-	-
2086	BOTTLED AND CANNED SOFT DRINKS	121.9	120.5	123.5	120.5	119.1	122.1	93.2	91.6	93	-	-
20860	BOTTLED AND CANNED SOFT DRINKS	121.9	120.5	123.5	120.5	119.1	122.1	93.2	91.6	93	-	-
2087	FLAVORINGS	143.9	144.6	143.1	105.1	105.6	104.5	85.5	83.9	86	-	-
20870	FLAVORINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20871	FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS	131.0	131.0	131.0	105.8	105.8	105.8	34.3	23.2	34	-	-
20872	BEVERAGE BASES, EXCEPT SIRUPS AND CONCENTRATED FRUIT JUICES	130.2	130.4	130.0	98.7	98.9	98.5	99.2	100.0	99	-	-
20873	FLAVORING SIRUPS, FOR USE BY SOFT DRINK BOTTLERS	136.1	136.1	136.1	101.0	101.0	101.0	99.7	100.0	100	-	-
20874	OTHER FLAVORING EXCEPT CHOCOLATE SIRUPS	163.1	164.2	162.0	112.9	113.5	111.9	89.7	89.4	90	-	-
209	MISCELLANEOUS FOODS AND KINDRED PRODUCTS	127.0	127.3	126.8	91.7	91.9	91.4	87.6	89.1	83	5	-
2091	COTTONSEED OIL MILLS	149.9	147.7	152.1	106.2	105.7	106.9	98.0	95.1	49	49	-
20910	COTTONSEED OIL MILL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20911	COTTONSEED OIL, CRUDE	156.6	156.6	156.6	94.1	94.1	94.1	100.0	100.0	-	100	-
20912	COTTONSEED OIL, REFINED	184.0	184.0	184.0	78.0	78.0	78.0	100.0	100.0	-	100	-
20913	COTTON LINTERS	124.0	124.0	124.0	109.3	109.3	109.3	100.0	100.0	100	-	-
20914	COTTONSEED CAKE, AND MEAL, AND OTHER BYPRODUCTS	124.5	124.5	124.5	134.6	134.6	134.7	97.6	91.2	98	-	-
2092	SOYBEAN OIL MILLS	129.7	129.8	129.6	108.2	108.3	108.1	99.4	99.3	99	-	-
20920	SOYBEAN OIL MILL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20921	SOYBEAN OIL	127.6	127.4	127.8	84.5	84.3	84.7	100.0	100.0	100	-	-
20922	OTHER SOYBEAN OIL MILL PRODUCTS, INCLUDING CAKE AND MEAL	133.4	133.3	133.5	128.6	128.6	128.6	99.5	100.0	100	-	-
2093	VEGETABLE OIL MILLS, NEC	120.7	120.8	120.5	89.9	90.1	89.6	82.0	89.0	75	7	-
20930	VEGETABLE OIL MILLS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20931	LINSEED OIL	115.7	115.1	116.2	85.0	84.0	85.9	100.0	100.0	100	-	-
20932	VEGETABLE OILS, EXCEPT COTTONSEED, SOYBEAN, AND LINSEED	132.7	135.2	130.6	84.3	87.1	80.6	76.6	84.7	64	13	-
20933	OTHER VEGETABLE OIL MILL PRODUCTS NEC	106.7	106.7	106.7	114.4	114.6	114.2	77.1	100.0	77	-	-
2094	ANIMAL AND MARINE FATS & OILS	135.9	135.7	136.1	88.5	88.4	88.7	79.4	78.8	79	-	-
20940	ANIMAL AND MARINE FATS AND OILS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20941	ANIMAL AND MARINE FATS AND OILS	128.7	128.7	128.7	83.2	83.2	83.2	100.0	100.0	100	-	-
20942	FFEO AND FERTILIZER BYPRODUCTS	147.8	146.4	149.1	95.6	94.9	96.7	98.1	97.3	98	-	-
20943	ANIMAL AND MARINE OIL MILL PRODUCTS, INCLUDING FOOTS	125.1	125.1	125.1	85.3	85.3	85.3	3.9	4.1	4	-	-
2095	ROASTED COFFEE	116.4	117.0	115.9	77.9	78.2	77.5	99.5	100.0	96	-	-
20951	ROASTED COFFEE WHOLE BEAN OR GROUND	114.4	115.1	113.9	77.1	77.5	76.6	99.3	100.0	99	-	-
20952	CONCENTRATED COFFEE	122.9	123.0	122.8	80.4	80.4	80.3	99.8	100.0	100	-	-
2096	SHORTENING AND COOKING OILS	119.0	119.0	119.0	85.2	85.2	85.1	97.8	99.1	98	-	-
20961	SHORTENING AND COOKING OILS	120.5	120.6	120.4	83.2	83.3	83.1	97.1	98.8	97	-	-
20962	MARGARINE	114.7	114.7	114.7	91.0	91.0	91.0	100.0	100.0	100	-	-
2097	MANUFACTURED ICE	70.8	70.8	70.7	116.3	116.3	116.2	74.5	77.0	75	-	-
20970	MANUFACTURED ICE	70.8	70.8	70.7	116.3	116.3	116.2	74.5	77.0	75	-	-
2098	MACARONI AND SPAGHETTI	120.8	120.7	120.8	108.2	108.2	108.2	96.0	94.3	96	-	-
20980	MACARONI AND SPAGHETTI	120.8	120.7	120.8	108.2	108.2	108.2	96.0	94.3	96	-	-
2099	FOOD PREPARATIONS, NFC	135.0	134.3	135.7	99.8	99.4	100.4	63.5	63.1	59	4	-
20990	MISCELLANEOUS FOODS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
20991	DESSERTS (READY-TO-MIX)	114.7	116.4	112.8	120.7	122.5	118.7	84.3	81.8	84	-	-
20992	CHIPS, STICKS, ETC (BAGGED OR CANNED)	170.9	170.6	171.2	92.6	92.5	92.8	97.7	100.0	98	-	-
20993	SWEETENING SIRUPS AND MOLASSES	132.7	132.7	132.7	107.6	107.6	107.6	51.8	52.7	52	-	-
20994	BAKING POWDER AND YEAST	100.1	100.1	100.1	97.1	97.1	97.1	100.0	100.0	-	100	-
20996	VINEGAR AND CIDER	114.5	113.3	115.8	106.2	105.2	107.5	82.9	74.2	83	-	-
20999	OTHER FOOD PREPARATIONS, NEC	130.0	129.4	130.6	99.2	98.8	99.8	45.3	46.7	45	-	-
21	TOBACCO MANUFACTURES	103.1	102.0	104.3	102.1	101.6	102.7	99.7	99.5	100	-	-
211	CIGARETTES	118.6	118.2	119.0	101.3	101.0	101.6	100.0	100.0	100	-	-
2111	CIGARETTES	118.6	118.2	119.0	101.3	101.0	101.6	100.0	100.0	100	-	-
21110	CIGARETTES	118.6	118.2	119.0	101.3	101.0	101.6	100.0	100.0	100	-	-
212	CIGARS	102.9	102.9	102.8	97.7	97.7	97.7	99.0	99.8	99	-	-
2121	CIGARS	102.9	102.9	102.8	97.7	97.7	97.7	99.0	99.8	99	-	-
21210	CIGARS	102.9	102.9	102.8	97.7	97.7	97.7	99.0	99.8	99	-	-
213	CHEWING AND SMOKING TOBACCO	97.4	96.9	97.9	116.1	115.5	116.7	96.2	97.5	96	-	-
2131	CHEWING AND SMOKING TOBACCO	97.4	96.9	97.9	116.1	115.5	116.7	96.2	97.5	96	-	-
21310	CHEWING AND SMOKING TOBACCO AND SNUFF	97.4	96.9	97.9	116.1	115.5	116.7	96.2	97.5	96	-	-
214	TOBACCO STEMMING AND REORYING	80.1	78.0	82.3	103.0	101.9	104.1	99.7	98.8	100	-	-
2141	TOBACCO STEMMING AND REORYING	80.1	78.0	82.3	103.0	101.9	104.1	99.7	98.8	100	-	-
21411	TOBACCO REORIED	33.1	31.1	35.3	104.5	102.0	106.3	100.0	100.0	100	-	-
21412	TOBACCO STEMMED	106.6	106.0	107.2	102.6	101.9	103.5	99.7	98.5	100	-	-
22	TEXTILE MILL PRODUCTS	121.1	120.5	121.7	99.7	99.2	100.3	89.0	87.9	58	31	-
221	WEAVING MILLS, COTTON	109.5	109.2	109.7	102.1	101.8	102.5	97.2	97.5	67	31	-
2211	WEAVING MILLS, COTTON	109.5	109.2	109.7	102.1	101.8	102.5	97.2	97.5	67	31	-
22110	OTHER FABRICATED COTTON TEXTILE PRODUCTS INCL FABRICS, NSK	98.2	99.6	96.8	103.6	105.1	102.1	49.5	49.7	50	-	-
22111	COTTON DUCK AND ALLIED FABRICS	102.6	102.6	102.6	122.8	122.8	122.8	100.0	100.0	100	-	-

Standard Notes: - Zero, that is, no direct product representation.  
 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
 T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
22112	COTTON SHEETING AND ALLIED COARSE AND MEDIUM YARN FABRICS	105.4	105.4	105.4	106.3	106.3	106.3	100.0	100.0	100	-	-
22113	COTTON PRINT CLOTH YARN FABRICS	90.0	90.0	90.0	107.2	107.2	107.2	100.0	100.0	100	-	-
22114	COTTON COLORED YARN FABRICS, TOWELING, ETC INCL BLANKETING	93.7	93.9	93.5	104.8	104.8	104.8	100.0	100.0	100	-	-
22115	FINE COTTON FABRICS	123.0	123.0	123.0	96.3	96.3	96.3	100.0	100.0	-	100	-
22116	OTHER WOVEN COTTON FABRICS AND SPECIALTIES	104.6	104.6	104.6	103.8	103.8	103.8	100.0	100.0	100	-	-
22117	FINISHED COTTON BROAD WOVEN FABRICS (EXCL. COMM FINISHING)	126.5	126.9	126.2	94.5	94.7	94.3	96.8	98.4	41	56	-
222	WEAVING MILLS, SYNTHETICS	151.2	150.7	151.7	99.4	99.0	99.9	99.2	98.7	35	64	-
2221	WEAVING MILLS, SYNTHETICS	151.2	150.7	151.7	99.4	99.0	99.9	99.2	98.7	35	64	-
22210	MANMADE FIBER AND SILK BROAD WOVEN FABRICS IN THE GRAY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22211	RAYON AND/OR ACETATE PILE, UPHOLSTERY, ETC FAB GRAY GOODS	143.5	143.5	143.5	94.2	94.2	94.2	100.0	100.0	-	100	-
22212	100% FILAMENT RAYON AND/OR ACETATE FABRICS GRAY GOODS	95.9	95.9	95.9	107.2	107.2	107.2	100.0	100.0	100	-	-
22213	100% SPUN RAYON AND/OR ACETATE FABRICS	97.3	97.3	97.3	100.4	100.4	100.4	100.0	100.0	-	100	-
22214	COMBINATION FILAMENT AND SPUN RAYON AND/OR ACETATE FABRICS	84.1	84.1	84.1	99.5	99.5	99.5	100.0	100.0	100	-	-
22215	RAYON AND/OR ACETATE MIXTURES WITH OTHER FABRICS	176.6	176.6	176.6	100.7	100.7	100.7	100.0	100.0	100	-	-
22216	NYLON AND CHIEFLY NYLON FABRICS	111.2	111.2	111.2	99.1	99.1	99.1	100.0	100.0	-	100	-
22217	SILK AND MANMADE FIBER FABRICS, NEC	261.5	261.5	261.5	100.0	100.0	100.0	100.0	100.0	-	100	-
22219	FINISHED BLANKETS	164.6	162.3	166.6	86.8	86.0	88.3	100.0	100.0	100	-	-
223	WEAVING, FINISHING MILLS, WOOL	89.0	89.1	89.0	103.9	104.1	103.8	98.5	96.4	41	58	-
2231	WEAVING, FINISHING MILLS, WOOL	89.0	89.1	89.0	103.9	104.1	103.8	98.5	96.4	41	58	-
22310	WOOLEN AND WORSTED FABRICS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22311	FINISHED WOOL YARNS, ETC, NOT COMBED OR SPUN AT SAME ESTAB	210.8	210.8	210.8	111.3	111.3	111.3	100.0	100.0	100	-	-
22312	WOOL FABRICS, GRAY GOODS	85.5	85.5	85.5	105.7	105.7	105.7	98.2	94.1	-	98	-
22313	FINISHED WOOL APPAREL FABRICS (EXCL COMMISSION FINISHING)	87.4	87.5	87.4	102.9	103.0	102.8	100.0	100.0	38	62	-
22314	FINISHED WOOL NONAPPAREL FAB AND FELTS (EXCL COMM FINISHING)	93.2	92.5	93.9	104.1	102.9	105.4	100.0	100.0	100	-	-
22319	WOOL AND CHIEF WOOL BED AND CAMP BLANKETS, MOTOR ROBES, ETC	109.5	109.5	109.5	104.3	104.3	104.3	100.0	100.0	-	100	-
224	NARROW FABRIC MILLS	117.1	115.4	118.7	95.6	94.5	97.2	39.2	34.2	33	6	-
2241	NARROW FABRIC MILLS	117.1	115.4	118.7	95.6	94.5	97.2	39.2	34.2	33	6	-
22410	NARROW FABRICS, NSK	118.2	117.5	118.9	97.5	97.0	98.2	37.3	33.4	29	8	-
22411	WOVEN NARROW FABRICS	120.5	119.8	121.2	97.5	97.0	98.2	38.2	35.0	38	-	-
22414	BRAIDED NARROW FABRICS	113.0	109.4	116.5	91.8	89.4	95.2	63.6	51.8	64	-	-
22415	COVERED RUBBER THREAD	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
225	KNITTING MILLS	131.7	131.3	132.0	96.4	96.1	96.7	81.3	83.0	53	28	-
2251	WOMEN'S HOSIERY, EXCEPT SOCKS	118.5	117.9	119.0	94.3	93.9	94.8	92.9	95.9	41	52	-
22510	WOMEN'S FULL-LENGTH AND KNEE-LENGTH HOSIERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22511	FINISHED FULL-FASHIONED HOSIERY	25.7	25.7	25.7	99.6	99.4	99.6	93.8	94.3	94	-	-
22513	FINISHED SEAMLESS HOSIERY FULL LENGTH AND ONE KNEE	227.3	229.2	225.5	98.7	99.2	97.6	92.7	97.5	17	76	-
22514	WOMEN'S FULL-FASH HOSE SHIP IN GREIGE	30.7	30.8	30.7	82.6	82.9	82.6	100.0	100.0	100	-	-
22515	WOMEN'S SEAMLESS HOSIERY SHIPPED IN THE GREIGE	347.3	339.8	353.5	79.3	78.6	81.8	97.5	100.0	98	-	-
2252	HOSIERY, NEC	109.8	109.2	110.4	97.0	96.5	97.6	90.4	84.4	90	-	-
22520	SEAMLESS HOSIERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22522	MEN'S FINISHED SEAMLESS HOSIERY	103.5	101.8	105.3	99.5	98.1	101.5	97.7	79.5	98	-	-
22523	ALL OTHER FINISHED SEAMLESS HOSIERY, INCLUDING ANKLETS	123.6	124.3	122.9	93.7	94.2	93.1	84.9	96.4	85	-	-
22524	SEAMLESS HOSIERY SHIPPED IN THE GREIGE	104.3	104.3	104.3	96.6	96.6	96.6	92.3	90.1	92	-	-
2253	KNIT OUTERWEAR MILL PRODUCTS	131.8	132.7	130.9	100.5	101.1	99.7	48.8	55.4	-	49	-
22530	KNIT OUTERWEAR PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22531	SWEATERS, JACKETS, JERSEYS, AND PULLOVERS MADE IN KNIT MILLS	121.0	121.0	121.0	93.6	93.6	93.6	48.4	56.9	-	48	-
22532	KNIT OUTERWEAR SPORT SHIRTS MADE IN KNITTING MILLS	120.4	120.4	120.4	113.6	113.6	113.6	77.3	68.6	-	77	-
22533	OTHER KNIT OUTERWEAR PRODUCTS MADE IN KNITTING MILLS	184.6	184.6	184.6	112.6	112.6	112.6	36.7	41.7	-	37	-
2254	KNIT UNDERWEAR MILLS	114.1	114.2	114.0	102.2	102.3	102.1	99.7	100.0	65	34	-
22540	KNIT UNDERWEAR AND NIGHTWEAR MADE IN KNIT MILLS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22541	MEN'S AND BOYS' KNIT UNDERWEAR AND NIGHTWEAR MADE IN KNIT MILLS	119.7	119.6	119.8	106.7	106.6	106.8	99.3	100.0	99	-	-
22542	WOMEN'S AND CHILDREN'S KNIT UNDERWEAR MADE IN KNIT MILLS	97.6	97.6	97.6	96.1	96.1	96.1	100.0	100.0	-	100	-
22543	WOMEN'S AND CHILDREN'S KNIT NIGHTWEAR MADE IN KNITTING MILLS	117.1	117.0	117.1	93.1	93.1	93.1	100.0	100.0	-	100	-
2256	KNIT FABRIC MILLS	172.3	172.4	172.3	92.4	92.5	92.4	100.0	100.0	100	-	-
22561	WARP KNIT FABRICS	174.1	174.3	173.9	84.4	84.4	84.2	100.0	100.0	100	-	-
22562	CIRCULAR KNIT FABRICS	170.9	170.9	170.8	99.7	99.7	99.6	100.0	100.0	100	-	-
2259	KNITTING MILLS	132.7	132.7	132.7	99.4	99.4	99.4	7.7	5.1	8	-	-
22590	KNIT GLOVES AND KNIT PRODUCTS NEC MADE IN SAME ESTAB	132.7	132.7	132.7	99.4	99.4	99.4	7.7	5.1	8	-	-
226	TEXTILE FINISHING, EXCEPT WOOL	151.3	152.3	150.3	100.0	100.5	99.2	82.3	69.0	41	41	-
2261	FINISHING PLANTS, COTTON	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22610	FINISHING RECEIPTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2262	FINISHING PLANTS, SYNTHETIC	202.0	203.5	200.5	100.8	101.2	99.9	93.4	91.1	30	63	-
22620	FIN MANMADE FAB AND SILK BR WOV, USE COMM RECEIPTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22628	FIN MANMADE FAB AND SILK BROAD WOVEN GOODS	206.7	208.3	205.1	100.8	101.2	99.9	94.3	94.5	31	64	-
2269	FINISHING PLANTS, NEC	126.3	126.5	126.2	98.3	98.4	98.1	67.9	70.3	68	-	-
22690	FINISHED YARN, RAW STOCK, ETC, EXC KNIT AND WOOL NEC	126.3	126.5	126.2	98.3	98.4	98.1	67.9	70.3	68	-	-
227	FLOOR COVERING MILLS	168.8	165.7	170.0	95.7	94.4	98.0	99.6	100.0	43	57	-
2271	WOVEN CARPETS AND RUGS	79.8	79.2	80.4	105.6	104.7	106.3	99.6	100.0	100	-	-
22710	WOV CARPETS AND RUGS, AS PUB IN CIR SER M22Q TOTAL ALL FIBER	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22711	WOVEN CARPETS AND RUGS, PILE YARNS ALL WOOL OR CHIEFLY WOOL	72.7	72.7	72.7	108.3	108.3	108.3	100.0	100.0	100	-	-
22712	WOV CARPETS & RUGS, CHIEFLY COTTON OR MANMADE FIB PILE YARN	143.6	143.6	143.6	89.2	89.2	89.2	100.0	100.0	100	-	-
2272	TUFTED CARPETS AND RUGS	265.9	266.7	265.1	91.8	91.9	91.4	100.0	100.0	21	79	-
22720	TUFTED CARPETS AND RUGS	265.9	266.7	265.1	91.8	91.9	91.4	100.0	100.0	21	79	-

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Institutes of Health, M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used:  
T Tariff Commission, S Special - see numbered footnote for further explanation.

H National

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Gross weights	1963 weights	1958 weights	Gross weights	1963 weights	1958 weights					
2279	CARPETS AND RUGS, NEC	118.5	116.8	120.1	89.5	88.3	90.9	93.9	100.0	94	-	-
22790	CARPETS, RUGS, AND MATS, NEC	118.5	116.8	120.1	89.5	88.3	90.9	93.9	100.0	94	-	-
228	YARN AND THREAD MILLS	118.5	117.9	119.2	99.6	99.2	100.2	96.5	96.0	83	14	-
2281	YARN MILLS, EXCEPT WOOL	122.2	121.8	122.5	96.7	96.5	96.9	100.0	100.0	100	-	-
22810	COTTON AND MAN MADE FIBER SPUN YARNS, NSK	82.9	82.9	82.9	98.4	98.4	98.4	100.0	100.0	100	-	-
22811	CARDED COTTON YARNS MADE IN YARN MILLS, EXCEPT WOOL	101.5	101.4	101.5	101.1	101.0	101.2	100.0	100.0	100	-	-
22812	COMBED COTTON YARNS MADE IN YARN MILLS, EXCEPT WOOL	115.9	115.9	115.9	94.8	94.8	94.8	100.0	100.0	100	-	-
22813	RAYON AND/OR ACETATE SPUN YARNS MADE IN YARN MILLS EXC WOOL	136.1	136.2	136.1	89.8	89.9	89.7	100.0	100.0	100	-	-
22814	OTHER SPUN MANMADE FIBER AND SILK YARNS	274.9	275.0	274.9	96.4	96.5	96.4	100.0	100.0	100	-	-
2282	THROWING AND WINDING MILLS	124.9	121.9	128.3	104.1	102.3	107.5	77.2	70.2	72	5	-
22821	THROWN FILAMENT YARNS, INCLUDING TEXTURED YARNS	124.4	121.5	127.8	104.1	102.3	107.5	100.0	100.0	93	7	-
22822	REWOOUND, ETC YNS, OTH THAN WL, NOT SPUN OR THROWN SAME EST	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2283	WOOL YARN MILLS	105.8	105.5	106.1	103.5	103.3	103.7	100.0	100.0	34	66	-
22831	WOOL YARNS, EXCEPT CARPET	101.3	101.3	101.3	109.3	109.3	109.3	100.0	100.0	-	100	-
22832	WOOL CARPET (WEAVING AND TUFTING) YARN	125.3	125.3	125.3	93.4	93.4	93.4	100.0	100.0	100	-	-
2284	THREAD MILLS	107.9	106.6	109.3	106.0	104.9	107.3	97.7	94.1	98	-	-
22840	THREAD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22841	FINISHED THREAD FOR USE IN THE HOME	92.8	93.9	91.5	114.2	116.0	112.6	94.0	91.6	94	-	-
22842	FINISHED THREAD FOR INDUSTRIAL OR MANUFACTURERS USE	116.7	114.4	119.1	105.3	103.5	107.4	100.0	98.8	100	-	-
22843	UNFINISHED THREAD	103.4	103.4	103.4	102.7	102.7	102.7	100.0	100.0	100	-	-
229	MISCELLANEOUS TEXTILE GOODS	119.0	119.0	118.9	101.6	101.6	101.6	69.5	65.1	69	1	-
2291	FELT GOODS, NEC	121.1	121.1	121.1	101.3	101.3	101.3	49.9	48.3	50	-	-
22910	FELT GOODS, NEC, EXCEPT WOVEN FELTS AND HATS	121.1	121.1	121.1	101.3	101.3	101.3	49.9	48.3	50	-	-
2292	LACE GOODS	75.8	75.8	75.8	118.7	118.7	118.7	35.8	20.3	36	-	-
22920	LACE GOODS	75.8	75.8	75.8	118.7	118.7	118.7	35.8	20.3	36	-	-
2293	PADDING AND UPHOLSTERY FILLING	107.9	108.2	107.6	101.1	101.4	100.8	93.8	92.0	94	-	-
22930	PADDING AND UPHOLSTERY FILLING, TOTAL	107.9	108.2	107.6	101.1	101.4	100.8	93.8	92.0	94	-	-
2294	PROCESSED TEXTILE WASTE	119.0	119.0	119.0	94.2	94.2	94.2	20.2	33.3	20	-	-
22940	PROCESSED WASTE AND RECOVERED FIBERS AND FLOCK	119.0	119.0	119.0	94.2	94.2	94.2	20.2	33.3	20	-	-
2295	COATED FABRIC, NOT RUBBERIZED	170.1	170.4	169.7	101.9	102.1	101.6	77.4	75.0	77	-	-
22950	COATED FABRICS EXCEPT RUBBERIZED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22951	PYROXYLIN-COATED MATERIALS (EXCEPT PAPER)	103.9	103.6	104.3	96.3	96.1	96.5	100.0	96.6	100	-	-
22952	RESIN-COATED FABRICS	193.0	193.0	193.0	103.0	103.0	103.0	100.0	100.0	100	-	-
22953	OTHER IMPREGNATED AND COATED FABRICS (EXCEPT RUBBER COATED)	163.2	163.2	163.2	102.5	102.5	102.5	38.8	31.8	39	-	-
2296	TIRE CORO AND FABRIC	112.7	112.7	112.6	99.3	99.3	99.2	100.0	100.0	96	4	-
22960	TIRE CORO AND TIRE FABRICS	112.7	112.7	112.6	99.3	99.3	99.2	100.0	100.0	97	3	-
2297	SCOURING AND COMBING PLANTS	119.6	119.6	119.5	115.4	115.6	115.3	71.6	57.6	67	4	-
22970	SCOURING AND COMBING MILL PRODUCTS	119.6	119.6	119.5	115.4	115.6	115.3	71.6	57.6	67	4	-
2298	CORDAGE AND TWINE	108.6	105.9	111.4	100.8	98.4	103.5	80.8	77.3	81	-	-
22980	CORDAGE AND TWINE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22981	HARD FIBER CORDAGE AND TWINE	77.2	77.2	77.2	104.8	104.8	104.9	100.0	100.0	100	-	-
22982	SOFT FIBER CORDAGE AND TWINE, EXCEPT COTTON	203.0	198.6	206.8	85.7	84.8	88.3	62.8	46.1	63	-	-
22983	COTTON CORDAGE AND TWINE	97.0	87.1	87.0	108.5	108.6	108.4	98.0	85.0	98	-	-
2299	TEXTILE GOODS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22990	TEXTILE GOODS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22991	BONDED FIBER FABRICS AND NONWOVEN RIBBONS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
22992	JUTE GOODS (EXCEPT JUTE FELTS), LINEN GOODS, ETC., NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23	APPAREL AND RELATED PRODUCTS	123.4	123.2	123.6	102.4	102.3	102.6	70.8	(2)	44	27	-
231	MEN'S AND BOYS' SUITS AND COATS	115.7	115.6	115.8	104.4	104.4	104.5	96.4	98.2	95	1	-
2311	MEN'S AND BOYS' SUITS AND COATS	115.7	115.6	115.8	104.4	104.4	104.5	96.4	98.2	95	1	-
23110	MEN'S AND BOYS' SUITS, COATS, AND OVERCOATS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23111	MEN'S SUITS	111.3	111.2	111.5	103.7	103.6	103.8	100.0	100.0	98	2	-
23112	MEN'S OVERCOATS AND TOPCOATS	93.1	92.8	93.3	101.4	101.1	101.7	100.0	100.0	100	-	-
23113	MEN'S TAILORED DRESS AND SPORT COATS AND JACKETS	142.4	142.4	142.4	113.2	113.2	113.2	92.2	100.0	92	-	-
23114	BOYS' SUITS, COATS, AND TAILORED JACKETS	134.5	133.2	135.8	99.1	98.3	100.2	100.0	100.0	100	-	-
232	MEN'S AND BOYS' FURNISHINGS	126.4	126.2	126.6	104.4	104.2	104.5	86.7	(2)	36	51	-
2321	MEN'S DRESS SHIRTS AND NIGHTWEAR	120.2	120.3	120.2	106.1	106.1	106.1	81.0	(2)	8	73	-
23212	MEN'S AND BOYS' KNIT OUTERWEAR SPORT SHIRTS MADE CUT SEW SHOP	147.7	147.7	147.7	108.7	108.7	108.7	(3)	(3)	-	-	-
23214	MEN'S AND BOYS' WOVEN DRESS AND SPORT SHIRTS	114.2	114.2	114.2	106.4	106.4	106.4	100.0	100.0	-	100	-
23215	MEN'S AND BOYS' NIGHTWEAR MADE FROM KNIT FABRICS	126.0	126.0	126.0	98.1	98.0	98.1	100.0	100.0	100	-	-
2322	MEN'S AND BOYS' UNDERWEAR	139.2	138.8	139.6	103.8	103.6	104.2	96.9	100.0	48	49	-
23221	MEN'S AND BOYS' UNDERWEAR MADE IN CUT-AND-SEW SHOPS	139.2	138.8	139.6	103.8	103.6	104.2	96.9	100.0	48	49	-
2323	MEN'S AND BOYS' NECKWEAR	120.1	120.6	119.6	98.0	98.4	97.6	100.0	100.0	100	-	-
23230	MEN'S AND BOYS' NECKWEAR, TOTAL	120.1	120.6	119.6	98.0	98.4	97.6	100.0	100.0	100	-	-
2327	SEPARATE TROUSERS	159.7	159.7	159.7	99.4	99.4	99.4	92.3	95.1	-	92	-
23271	MEN'S AND BOYS' SEPARATE DRESS AND SPORT TROUSERS, TOTAL	159.7	159.7	159.7	99.4	99.4	99.4	92.3	95.1	-	92	-
2328	WORK CLOTHING	113.0	113.0	113.0	106.9	106.9	106.9	86.2	(2)	86	-	-
23281	MEN'S AND BOYS' WORK SHIRTS	108.7	108.7	108.7	102.5	102.5	102.5	(3)	(3)	-	-	-
23282	MEN'S AND BOYS' WORK CLOTHING AND WASHABLE SERVICE APPAREL	113.7	113.7	113.7	107.7	107.7	107.7	100.0	100.0	100	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used:  
T Tariff Commission. S Special - see numbered footnote for further explanation.

H National



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
2329	MEN'S AND BOYS' CLOTHING, NEC	119.4	119.2	119.6	105.3	105.2	105.6	79.0	80.0	72	7	-
23290	MEN'S AND BOYS' OUTERWEAR, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23291	MEN'S AND BOYS' HEAVY OUTERWEAR COATS AND JACKETS	113.1	113.1	113.1	107.6	107.6	107.6	100.0	100.0	100	-	-
23292	MEN'S AND BOYS' OUTERWEAR NEC MADE IN CUT-AND-SEW SHOPS	157.9	158.2	157.7	95.5	95.6	95.3	42.3	46.5	23	20	-
233	WOMEN'S AND MISSES' OUTERWEAR	125.5	125.4	125.6	102.0	101.9	102.1	73.5	(2)	37	37	-
2331	BLOUSES	138.5	138.6	138.4	103.9	103.9	103.8	81.4	(2)	81	-	-
23310	WOMEN'S MISSES' AND JUNIORS' BLOUSES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23312	WOMEN'S MISS AND JUN KNIT OUTER SPORT SHIRTS MADE CUT SEW SHOP	147.7	147.7	147.7	113.5	113.5	113.5	(3)	(3)	-	-	-
23317	BLOUSES, WAISTS, AND SHIRTS EXCEPT KNIT	125.1	125.1	125.1	102.8	102.8	102.8	100.0	100.0	100	-	-
2335	DRESSES	120.0	120.1	120.0	100.6	100.6	100.6	88.1	100.0	18	70	-
23350	WOMEN'S, MISSES', AND JUNIORS' DRESSES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23351	WOMEN'S, MISSES' AND JUNIORS' DRESSES SOLD AT A UNIT PRICE	105.4	105.4	105.4	100.0	100.0	100.0	100.0	100.0	-	100	-
23352	WOMEN'S, MISSES' AND JUNIORS' DRESSES SOLD AT A DOZEN PRICE	107.0	107.0	107.0	103.0	103.0	103.0	100.0	100.0	100	-	-
2337	WOMEN'S SUITS, COATS AND SKIRTS	117.9	117.4	118.4	103.1	102.6	103.5	74.6	86.1	59	16	-
23370	WOMEN'S, MISSES', AND JUNIORS' SUITS, COATS AND SKIRTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23371	WOMEN'S, MISSES', AND JUNIORS' COATS EXCEPT FUR	105.6	104.9	106.3	104.9	104.2	105.6	67.9	81.6	68	-	-
23372	WOMEN'S, MISSES', AND JUNIORS' SUITS	109.1	109.1	109.1	104.2	104.2	104.2	93.3	96.4	-	93	-
23374	WOMEN'S, MISSES', AND JUNIORS' SKIRTS AND JACKETS	119.8	119.7	119.9	100.4	100.3	100.5	99.7	100.0	99	-	-
2339	WOMEN'S OUTERWEAR, NEC	148.7	148.3	149.2	105.9	105.6	106.2	21.5	27.6	15	7	-
23392	WOMEN'S, MISSES', AND JUNIORS' WASHABLE SERVICE APPAREL	100.5	100.5	100.5	107.3	107.3	107.3	100.0	100.0	100	-	-
23393	WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, NEC	168.3	168.3	168.3	101.8	101.8	101.8	7.7	7.4	-	8	-
234	WOMEN'S AND CHILDREN'S UNDERGARMENTS	118.6	118.5	118.6	100.8	100.8	100.8	96.5	96.6	75	21	-
2341	WOMEN'S AND CHILDREN'S UNDERWEAR	115.2	115.0	115.3	99.2	99.0	99.3	96.7	97.4	96	-	-
23410	WOMEN'S, MISSES', AND CHILDREN'S NIGHTWEAR AND UNDERWEAR, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23412	WOMEN'S MISS CHILD AND INFANT UNDERWEAR MADE IN CUT-AND-SEW SHOP	104.4	104.3	104.5	97.2	97.1	97.3	98.6	100.0	99	-	-
23413	MADE IN CUT-AND-SEW SHOPS NIGHTWEAR WOMEN'S MISSES' AND CHILDREN'S	134.7	133.8	135.6	102.4	101.8	103.2	99.3	100.0	99	-	-
2342	CORSETS AND ALLIED GARMENTS	124.3	124.3	124.3	103.5	103.5	103.5	96.9	95.3	43	54	-
23420	CORSET AND ALLIED GARMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23421	BRASSIERES AND BANDEAUX	126.5	126.5	126.5	102.7	102.7	102.7	100.0	100.0	-	100	-
23422	CORSETS, GIROLES, COMBINATIONS AND ACCESSORIES	124.0	124.0	124.0	104.6	104.6	104.6	96.3	94.6	96	-	-
235	MILLINERY, HATS AND CAPS	90.7	89.4	92.1	99.7	98.2	101.2	79.9	77.5	80	-	-
2351	MILLINERY	86.0	83.8	88.3	99.3	96.7	101.8	77.8	71.1	78	-	-
23510	MILLINERY TRIMMED HATS MADE FROM HAT BOODIES	86.0	83.8	88.3	99.3	96.7	101.8	77.8	71.1	78	-	-
2352	HATS AND CAPS	96.4	96.0	96.8	100.1	99.7	100.5	82.1	85.1	82	-	-
23521	HATS AND HAT BOODIES (EXCEPT CLOTH AND MILLINERY)	92.8	92.2	93.3	98.2	97.6	98.7	96.5	96.6	97	-	-
23522	CLOTH HATS AND CAPS	100.2	100.2	100.2	104.1	104.1	104.1	64.1	68.6	64	-	-
236	CHILDREN'S OUTERWEAR	115.7	115.8	115.7	100.8	100.9	100.8	86.8	(2)	39	48	-
2361	CHILDREN'S DRESSES AND BLOUSES	121.9	122.1	121.6	103.4	103.6	103.2	85.2	(2)	12	73	-
23610	DRESSES, BLOUSES, WAISTS, AND SHIRTS, EXCEPT KNIT	116.6	116.6	116.6	102.5	102.5	102.5	95.8	96.7	14	82	-
23612	KNIT SPORT SHIRTS MADE IN CUT-AND-SEW SHOPS	198.8	198.8	198.8	113.7	113.7	113.7	(3)	(3)	-	-	-
2363	CHILDREN'S COATS AND SUITS	95.1	95.1	95.1	98.6	98.6	98.6	100.0	100.0	-	100	-
23630	GIRLS', CHILDREN'S AND INFANTS' COATS, SNOW SUITS, ETC	95.1	95.1	95.1	98.6	98.6	98.6	100.0	100.0	-	100	-
2369	CHILDREN'S OUTERWEAR, NEC	120.4	119.8	120.9	99.1	98.7	99.5	82.9	88.9	83	-	-
23690	GIRLS', CHILDREN'S AND INFANTS' OUTERWEAR, NEC	120.4	119.8	120.9	99.1	98.7	99.5	82.9	88.9	83	-	-
237	FUR GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2371	FUR GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23710	FUR COATS AND OTHER FUR GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
238	MISCELLANEOUS APPAREL	125.3	125.0	125.6	101.1	100.9	101.4	35.7	(2)	36	-	-
2381	FABRIC DRESS AND WORK GLOVES	115.9	116.1	115.8	103.6	103.7	103.4	67.4	(2)	67	-	-
23810	FABRIC DRESS AND WORK GLOVES MADE IN CUT AND SEW SHOPS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23811	FABRIC DRESS GLOVES AND MITTENS MADE IN CUT-AND-SEW SHOPS	100.7	100.7	100.7	98.3	98.3	98.3	(3)	(3)	-	-	-
23812	FABRIC WORK GLOVES AND MITTENS MADE IN CUT-AND-SEW SHOPS	116.4	116.4	116.4	106.2	106.2	106.2	100.0	100.0	100	-	-
2384	ROBES AND DRESSING GOWNS	125.2	125.2	125.3	110.2	110.1	110.2	42.1	42.1	42	-	-
23840	ROBES AND DRESSING GOWNS, EXCEPT CHILDREN'S	125.2	125.2	125.3	110.2	110.1	110.2	42.1	42.1	42	-	-
2385	WATERPROOF OUTERGARMENTS	155.0	155.0	155.0	102.1	102.1	102.1	(3)	(3)	-	-	-
23850	RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS	155.0	155.0	155.0	102.1	102.1	102.1	(3)	(3)	-	-	-
2386	LEATHER AND SHEEPLINED CLOTHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23860	LEATHER AND SHEEPLINED CLOTHING,	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2387	APPAREL BELTS	117.9	115.0	120.8	95.4	93.2	97.9	82.4	87.5	824	-	-
23870	APPAREL BELTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23871	LEATHER BELTS MADE FOR SALE SEPARATELY	101.3	100.0	102.4	96.6	95.5	97.8	95.9	95.8	96	-	-
23872	BELTS, OTHER THAN LEATHER	125.7	120.4	131.0	93.5	90.1	98.1	95.6	93.4	96	-	-
2389	APPAREL, NEC	126.4	125.9	126.8	88.6	88.3	88.9	34.2	44.1	34	-	-
23890	APPAREL, NEC, TOTAL	126.4	125.9	126.8	88.6	88.3	88.9	34.2	44.1	34	-	-
239	FABRICATED TEXTILES, NEC	131.8	131.3	132.3	101.5	101.2	101.9	42.3	47.2	37	6	-
2391	CURTAINS AND DRAPERIES	127.5	129.0	126.0	95.2	96.9	92.8	74.8	76.4	75	-	-
23910	CURTAINS AND DRAPERIES, EXCEPT LACE	127.5	129.0	126.0	95.2	96.9	92.8	74.8	76.4	75	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: N National  
T Tariff Commission. S Special - see numbered footnote for further explanation.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other <sup>a</sup>
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
2392	HOUSEFURNISHINGS, NEC FROM PURCHASED FABRICS	123.6	122.9	124.3	101.1	100.6	101.8	66.9	66.6	53	14	-
23920	OTHER HOUSEFURNISHINGS (PILLOWS, SLIPCOVERS, ETC)	132.8	131.9	133.8	94.0	93.4	94.7	41.4	43.2	41	-	-
23926	BEDSPREADS AND BED SETS MADE IN OTHER INDUSTRIES	134.2	131.6	136.7	98.7	97.0	100.9	65.9	66.7	66	-	-
23928	SHEETS AND PILLOWCASES	114.1	113.7	114.5	105.5	105.2	105.9	100.0	99.1	100	-	-
23929	TOWELS AND WASHCLOTHS	125.9	125.9	125.9	102.1	102.1	102.1	69.9	63.9	-	70	-
2393	TEXTILE BAGS	91.5	91.5	91.5	113.6	113.6	113.7	87.9	89.6	88	-	-
23930	TEXTILE BAGS, EXCEPT LAUNDRY, WARDROBE, AND SHOE	91.5	91.5	91.5	113.6	113.6	113.7	87.9	89.6	88	-	-
2394	CANVAS PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23940	CANVAS PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2395	PLEATING AND STITCHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23950	STITCHINGS TRIMMINGS FINDINGS AND RELATED PROD	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23951	EMBROIDERIES (EXC SCHIFFLI-MACHINE) ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23959	COMMISSION REC, FOR EMBROIDERING ETC EXCL. SCHIFFLI MACHINE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2396	APPAREL FINDINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23960	APPAREL FINDINGS AND RELATED PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23961	MEN'S AND BOYS' SUIT AND COAT FINDINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23962	AUTOMOBILE AND FURNITURE TRIMMINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23963	OTHER TRIMMINGS AND FINDINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2397	SCHIFFLI MACHINE EMBROIDERIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
23970	SCHIFFLI MACHINE EMBROIDERIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2399	TEXTILE PRODUCTS, NEC	141.9	142.0	141.9	97.4	97.4	97.3	25.7	34.6	26	-	-
23990	FABRICATED TEXTILE PRODUCTS, NEC	141.9	142.0	141.9	97.4	97.4	97.3	25.7	34.6	26	-	-
24	LUMBER AND WOOD PRODUCTS	126.8	126.1	127.5	100.7	100.2	101.4	73.6	75.9	67	5	2
241	LOGGING CAMPS AND CONTRACTORS	141.6	141.6	141.6	95.5	95.5	95.5	53.0	55.8	53	-	-
2411	LOGGING CAMPS AND CONTRACTORS	141.6	141.6	141.6	95.5	95.5	95.5	53.0	55.8	53	-	-
24110	LOGS AND BOLTS PULPWOOD	143.3	143.3	143.3	95.5	95.5	95.5	74.0	78.8	74	-	-
24119	RECEIPTS FOR CONTRACT OR CUSTOM SAW KILN DRYING PLANING ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
242	SAWMILLS AND PLANING MILLS	104.7	104.3	105.0	104.1	103.8	104.5	94.7	94.1	87	7	-
2421	SAWMILLS AND PLANING MILLS	100.5	100.3	100.7	104.5	104.3	104.7	97.8	97.1	94	4	-
24211	ROUGH LUMBER AND SAWED TIES	91.3	91.3	91.3	110.1	110.1	110.1	100.0	100.0	100	-	-
24212	DRESSED LUMBER	105.3	105.3	105.3	101.7	101.7	101.7	100.0	100.0	100	-	-
24217	SOFTWOOD CUT STOCK	157.2	157.7	156.8	99.3	99.5	99.0	95.4	83.4	18	77	-
24218	SOFTWOOD FLOORING AND OTHER MILL PRODUCTS, NEC	81.2	79.4	83.2	110.7	107.8	113.1	100.0	100.0	23	77	-
24219	RECEIPT FOR CONTRACT OR CUSTOM SAW KILN DRYING PLANING ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2426	HARDWOOD DIMENSION AND FLOORING MILLS	128.7	128.2	129.3	103.3	102.9	103.8	89.3	88.2	55	34	-
24260	HARDWOOD DIMENSION AND FLOORING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24261	HARDWOOD FLOORING	100.4	99.6	101.2	103.5	102.7	104.4	90.0	85.1	90	-	-
24262	HARDWOOD DIMENSION STOCK, FURNITURE PARTS AND VEHICLE STOCK	160.1	160.2	160.0	103.1	103.1	103.0	94.0	92.7	27	67	-
2429	SPECIAL PRODUCT SAWMILLS, NEC	142.1	141.2	143.0	96.2	95.7	97.0	60.4	49.3	60	-	-
24290	SHINGLES, COOPERAGE STOCK AND EXCELSIOR	142.1	141.2	143.0	96.2	95.7	97.0	60.4	49.3	60	-	-
243	MILLWORK AND RELATED PRODUCTS	157.6	156.9	158.2	98.0	97.4	98.8	75.5	80.1	68	7	-
2431	MILLWORK PLANTS	121.5	121.1	121.9	103.0	102.6	103.3	59.4	65.5	42	18	-
24310	MILLWORK PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24311	WINDOW UNITS, WOOD	104.6	104.6	104.5	108.9	108.9	108.9	93.3	98.1	93	-	-
24312	WOOD WINDOW SASH, INCL COMBINATION SCREEN AND STORM SASH	82.1	81.6	82.5	90.4	89.9	90.9	80.0	83.1	80	-	-
24313	WOOD WINDOW AND DOOR FRAMES	103.5	103.5	103.5	95.2	95.2	95.2	100.0	100.0	-	100	-
24314	DOORS, WOOD (PANEL & FLUSH TYPE) INCL SHIPPED IN DOOR UNITS	124.1	123.3	125.1	103.8	103.1	104.6	92.9	92.6	39	54	-
24315	OTHER WOOD DOORS, INCLUDING GARAGE, SCREEN, STORM, AND COMB	148.0	147.5	148.5	98.0	97.6	98.3	57.6	72.7	58	-	-
24316	FINISHED WOOD MOULDINGS (INCLUDING WINDOW AND DOOR TRIM)	104.6	104.0	105.2	107.5	106.9	108.2	93.8	89.8	94	-	-
24317	CABINETWORK TO BE BUILT-IN	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24318	OTH MILLWORK PROD INC WINDOW SCREENS ARCHITECTURAL MILLWORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2432	VENEER AND PLYWOOD PLANTS	207.0	208.5	205.5	94.1	93.9	94.4	89.7	93.2	90	-	-
24320	VENEER AND PLYWOOD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24321	HARDWOOD PLYWOOD	199.9	201.6	197.9	107.1	106.8	107.5	100.0	98.9	100	-	-
24322	SOFTWOOD PLYWOOD INTERIOR TYPE	146.8	146.8	146.8	88.0	88.0	88.0	91.2	94.9	91	-	-
24323	SOFTWOOD PLYWOOD, EXTERIOR TYPE	205.5	206.1	205.1	85.6	85.8	85.3	100.0	99.4	100	-	-
24324	NONWOOD FACE PLYWOOD AND OTHER PLYWOOD TYPE PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24325	HARDWOOD VENEER	206.5	205.8	207.3	99.7	99.6	99.9	96.6	96.5	97	-	-
24326	SOFTWOOD VENEER	424.9	424.7	425.1	97.5	97.5	97.5	100.0	100.0	100	-	-
2433	PREFABRICATED WOOD PRODUCTS <sup>4</sup>	128.0	127.2	128.9	100.7	100.1	101.4	76.0	88.4	76	-	-
24330	PREFABRICATED WOOD PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24331	PREFABRICATED WOODEN BLDGS AND STRUCTURAL MEMBERS	127.5	126.6	128.3	100.7	100.1	101.4	78.9	91.5	79	-	-
244	WOODEN CONTAINERS	95.0	94.4	95.6	99.3	98.6	99.9	67.6	65.6	68	-	-
2441	NAILED WOODEN BOXES AND SHOOK	92.2	91.2	93.1	98.5	97.5	99.4	65.4	62.7	65	-	-
24410	NAILED WOODEN BOXES AND SHOOK, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24411	NAILED AND LOCK CORNER WOODEN BOXES	111.2	110.4	111.9	89.2	88.7	89.9	66.1	62.2	66	-	-
24412	BOX SHOOK: FRUIT, VEGETABLE, INDUSTRIAL, ETC	81.3	81.3	81.3	105.9	105.9	105.9	76.0	74.8	76	-	-
2442	WIREBOUND BOXES AND CRATES	119.0	119.2	118.9	98.1	98.2	98.0	68.5	68.4	69	-	-
24420	WIREBOUND BOXES AND CRATES	119.0	119.2	118.9	98.1	98.2	98.0	68.5	68.4	69	-	-
2443	VENEER AND PLYWOOD CONTAINERS	97.2	97.2	97.1	99.6	99.6	99.5	52.1	63.0	52	-	-
24430	VENEER AND PLYWOOD CONTAINERS	97.2	97.2	97.1	99.6	99.6	99.5	52.1	63.0	52	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
2445	COOPERAGE	71.1	70.8	71.5	103.2	102.7	103.7	83.4	71.9	83	-	-
24450	COOPERAGE	71.1	70.8	71.5	103.2	102.7	103.7	83.4	71.9	83	-	-
249	MISCELLANEOUS WOOD PRODUCTS	135.9	135.1	136.7	98.6	98.1	99.3	31.3	26.2	19	-	S 13
2491	WOOD PRESERVING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24910	WOOD PRESERVING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24911	WOOD OWNED AND TREATED BY SAME ESTABLISHMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24919	RECEIPTS FOR TREATING WOOD OWNED BY OTHER ESTABLISHMENTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2499	WOOD PRODUCTS, NEC	141.2	140.3	142.0	98.6	98.1	99.3	40.8	35.4	24	-	S 17
24990	WOOD PRODUCTS NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24991	MIRRORS AND PICTURE FRAMES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24992	PALLETS AND SKIDS	240.0	240.4	239.7	95.0	95.1	94.8	80.2	84.3	80	-	-
24993	PARTICLE BOARD	352.9	351.9	353.8	89.5	89.4	89.9	100.0	100.0	100	-	-
24994	CORK PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
24995	WOOD PRODUCTS, NEC	139.9	138.1	141.6	93.3	92.1	94.4	17.3	26.9	17	-	-
24996	HARD PRESSED WOOD FIBER BOARD <sup>5</sup>	155.7	155.7	155.7	107.7	107.7	107.7	100.0	100.0	-	-	S 100
25	FURNITURE AND FIXTURES	119.5	119.5	119.6	103.4	103.4	103.5	59.1	(2)	42	17	-
251	HOUSEHOLD FURNITURE	118.7	118.6	118.8	103.4	103.3	103.5	71.3	70.6	55	16	-
2511	WOOD FURNITURE NOT UPHOLSTERED	130.6	130.6	130.7	102.6	102.6	102.7	77.2	79.1	66	11	-
25110	WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25111	RADIO, PHONOGRAPH, TELEVISION, AND HI-FI CABINETS AND COMB	135.0	135.0	135.0	102.9	102.9	102.9	99.3	99.3	99	-	-
25112	OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE	134.4	134.4	134.4	105.5	105.5	105.5	58.5	65.4	59	-	-
25113	WOOD DINING, JUNIOR DINING, AND KITCHEN FURNITURE	156.1	156.2	156.0	104.7	104.8	104.6	94.2	91.7	94	-	-
25114	KITCHEN CABINETS, WOOD	120.0	120.0	119.9	109.7	109.8	109.7	86.1	89.2	5	81	-
25115	WOOD BEDROOM FURNITURE	128.4	128.3	128.5	98.5	98.4	98.6	85.5	88.7	86	-	-
25116	INFANTS' AND CHILDREN'S WOOD FURNITURE	97.2	97.1	97.3	95.5	95.4	95.6	44.9	53.8	45	-	-
25117	WOOD OUTDOOR FURNITURE, AND UNPAINTED WOOD FURNITURE	102.0	98.8	105.1	94.7	92.1	98.0	40.2	33.3	40	-	-
2512	WOOD FURNITURE, UPHOLSTERED	119.4	119.3	119.5	105.9	105.8	105.9	62.2	55.9	33	29	-
25120	WOOD HOUSEHOLD FURNITURE, UPHOLSTERED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25121	UPHOLSTERED WOOD HOUSEHOLD FURNITURE	120.4	120.3	120.5	105.9	105.8	105.9	68.9	62.5	37	32	-
25126	WOOD FURNITURE FRAMES FOR HOUSEHOLD FURNITURE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2514	METAL HOUSEHOLD FURNITURE	103.2	103.1	103.3	101.6	101.5	101.7	54.8	54.5	24	31	-
25140	METAL HOUSE FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25141	METAL HOUSEHOLD DINING AND BREAKFAST FURNITURE	99.4	99.3	99.5	99.3	99.3	99.4	91.9	89.2	10	82	-
25142	METAL KITCHEN FURNITURE	74.9	74.9	74.9	93.5	93.5	93.5	25.5	23.3	-	26	-
25143	METAL PORCH, LAWN, AND OUTDOOR FURNITURE (INCLUDING STEAMER	103.1	103.1	103.1	107.4	107.4	107.4	74.1	79.0	74	-	-
25144	OTHER METAL HOUSEHOLD FURNITURE	127.8	127.2	128.5	102.3	101.9	103.0	31.2	30.7	18	13	-
2515	MATTRESSES AND BEDSPRINGS	103.0	102.7	103.3	103.8	103.5	104.1	87.9	89.1	88	-	-
25150	MATTRESSES AND BEDSPRINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25151	INNERSPRING MATTRESSES AND SPRING CUSHIONS	104.4	103.7	105.2	104.6	103.9	105.3	92.5	93.4	93	-	-
25152	OTHER MATTRESSES	133.1	133.9	132.2	103.2	103.7	102.4	66.5	65.6	67	-	-
25153	BEDSPRINGS	107.3	107.1	107.4	100.4	100.3	100.5	96.4	94.1	95	1	-
25154	CONVERTIBLE SOFAS	97.9	97.9	97.9	110.2	110.2	110.2	95.3	96.7	95	-	-
25155	JACKKNIFE SOFA BEDS AND CHAIR BEDS	71.3	71.2	71.5	100.1	99.9	100.3	95.9	100.0	96	-	-
25156	STUDIO COUCHES	93.6	93.6	93.6	108.4	108.4	108.4	100.0	100.0	100	-	-
2519	HOUSEHOLD FURNITURE, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25190	HOUSEHOLD FURNITURE, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
252	OFFICE FURNITURE	129.5	129.6	129.3	102.3	102.4	102.1	53.1	(2)	22	31	-
2521	WOOD OFFICE FURNITURE	134.9	135.0	134.9	105.2	105.3	105.2	55.7	54.5	16	40	-
25210	WOOD OFFICE FURNITURE,	134.9	135.0	134.9	105.2	105.3	105.2	55.7	54.5	16	40	-
2522	METAL OFFICE FURNITURE	127.7	127.8	127.5	101.8	101.9	101.6	52.4	(2)	24	29	-
25220	METAL OFFICE FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25221	METAL CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED	125.3	125.3	125.3	100.3	100.3	100.3	96.5	93.2	-	97	-
25222	METAL DESKS	125.8	126.6	124.9	102.3	102.9	101.5	98.8	98.0	99	-	-
25223	METAL CABINETS AND CASES	129.5	129.5	129.5	103.1	103.1	103.1	(3)	(3)	-	-	-
25224	OTHER METAL OFFICE FURNITURE, INCLUDING TABLES, STANDS, ETC	151.0	151.0	151.0	97.4	97.4	97.4	61.3	52.0	-	61	-
253	PUBLIC BUILDING FURNITURE	116.9	116.8	116.9	102.3	102.3	102.4	37.8	40.6	38	-	-
2531	PUBLIC BUILDING FURNITURE	116.9	116.8	116.9	102.3	102.3	102.4	37.8	40.6	38	-	-
25310	PUBLIC BUILDING FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25311	SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE	112.5	112.1	112.9	104.5	104.1	104.9	43.0	42.8	43	-	-
25312	PUBLIC BUILDING AND RELATED FURNITURE, EXC. SCHOOL FURNITURE	130.7	130.9	130.4	100.2	100.4	100.0	36.3	45.2	36	-	-
254	PARTITIONS AND FIXTURES	123.8	124.0	123.6	103.7	103.8	103.5	(3)	(3)	-	-	-
2541	WOOD PARTITIONS AND FIXTURES	158.5	158.5	158.5	105.3	105.3	105.3	(3)	(3)	-	-	-
25410	WOOD PARTITIONS, SHELVING, LOCKERS, AND FIXTURES	158.5	158.5	158.5	105.3	105.3	105.3	100.0	100.0	-	-	-
2542	METAL PARTITIONS AND FIXTURES	101.0	101.0	101.0	102.3	102.3	102.3	(3)	(3)	-	-	-
25420	METAL PARTITIONS, SHELVING, AND LOCKERS AND FIXTURES	101.0	101.0	101.0	102.3	102.3	102.3	(3)	(3)	-	-	-
259	FURNITURE AND FIXTURES, NEC	109.6	109.0	110.1	104.9	104.4	105.5	30.8	(2)	10	21	-
2591	VENETIAN BLINDS AND SHADES	95.5	94.5	96.6	107.2	106.1	108.5	55.7	42.9	18	37	-
25910	VENETIAN BLINDS AND SHADES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
25911	WINDOW SHADES AND ACCESSORIES	113.8	112.6	115.2	107.2	106.1	108.5	87.4	80.1	29	58	-
25912	VENETIAN BLINDS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2599	FURNITURE AND FIXTURES, NEC	131.1	131.1	131.1	103.3	103.3	103.3	(3)	(3)	-	-	-
25990	FURNITURE AND FIXTURES, NEC	131.1	131.1	131.1	103.3	103.3	103.3	(3)	(3)	-	-	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
26	PAPER AND ALLIED PRODUCTS	133.5	133.3	133.7	96.6	96.5	96.8	91.0	(2)	76	6	9
261	PULP MILLS	153.8	154.0	153.7	87.3	87.2	87.3	97.4	98.4	97	-	-
2611	PULP MILLS	153.8	154.0	153.7	87.3	87.2	87.3	97.4	98.4	97	-	-
26111	SPECIAL ALPHA AND DISSOLVING WOOD PULP	175.1	175.1	175.1	87.9	87.9	87.9	100.0	100.0	100	-	-
26112	OTHER PULP INC WOOD AND PULP MILL BYPRODUCTS EXCEPT TALL OIL	152.4	152.5	152.2	87.0	86.9	87.1	96.4	98.0	96	-	-
262	PAPER MILLS, EXCEPT BUILDING	125.4	125.4	125.4	95.7	95.7	95.7	100.0	100.0	100	-	-
2621	PAPER MILLS, EXCEPT BUILDING	125.4	125.4	125.4	95.7	95.7	95.7	100.0	100.0	100	-	-
26211	NEWSPRINT	127.8	127.8	127.8	98.0	98.0	98.0	100.0	100.0	100	-	-
26212	GROUNDWOOD PAPER UNCOATED	118.2	118.1	118.3	94.9	94.9	95.0	100.0	100.0	100	-	-
26213	PAPER MACHINE COATED PRINTING AND CONVERTING PAPER	134.7	134.7	134.7	98.0	98.0	98.0	100.0	100.0	100	-	-
26214	BOOK PAPER UNCOATED	107.0	107.0	106.9	101.0	101.0	101.0	100.0	100.0	100	-	-
26215	FINE PAPER INCLUDING THIN PAPER	134.3	134.3	134.2	98.1	98.1	98.0	100.0	100.0	100	-	-
26216	COARSE PAPER	114.4	114.0	114.7	89.3	89.0	89.6	100.0	100.0	100	-	-
26217	SPECIAL IND PAPER, EXC WINDSHIELD WIPER STOCK AND IND WIPES	150.1	150.1	150.1	96.5	96.5	96.5	100.0	100.0	100	-	-
26218	SANITARY TISSUE STOCK AND TISSUE PAPER NEC	132.4	132.5	132.4	94.3	94.2	94.4	100.0	100.0	100	-	-
263	PAPERBOARD MILLS	131.5	131.5	131.5	96.1	96.0	96.2	98.3	98.3	98	-	-
2631	PAPERBOARD MILLS	131.5	131.5	131.5	96.1	96.0	96.2	98.3	98.3	98	-	-
26311	CONTAINER BOARD	140.3	140.4	140.1	97.6	97.6	97.6	100.0	100.0	100	-	-
26312	SPECIAL FOOD BOARD	126.8	126.8	126.8	91.9	91.9	91.9	100.0	100.0	100	-	-
26313	FOLDING BOARD STOCK EXCEPT SPECIAL FOOD BOARD	129.4	129.4	129.4	93.0	93.0	93.0	100.0	100.0	100	-	-
26314	SET-UP BOXBOARD	93.3	93.3	93.3	98.9	98.9	98.9	100.0	100.0	100	-	-
26315	SPEC PAPERBOARD INC CARDBOARD, OTH BEND AND OTH NONBEND BOARD	117.8	117.5	118.1	100.0	99.7	100.3	100.0	100.0	100	-	-
26316	WET MACHINE BOARD	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
264	PAPER AND PAPERBOARD PRODUCTS	133.1	132.7	133.5	97.9	97.6	98.2	71.3	(2)	42	22	s 7
2641	PAPER COATING AND GLAZING	147.1	146.5	147.7	97.9	97.6	98.4	40.5	(2)	41	-	-
26410	PAPER COATING AND GLAZING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26411	OFF-MACHINE COATED PAPER FOR PRINTING	153.5	152.3	154.7	100.2	99.6	101.2	100.0	100.0	100	-	-
26412	OILED, WAXED, AND WAX LAMINATED PAPER	91.2	90.7	91.7	97.4	96.8	97.8	75.0	82.6	75	-	-
26413	GUMMED PRODUCTS	126.4	125.2	127.5	99.0	98.2	100.0	98.2	96.7	98	-	-
26414	PRESSURE SENSITIVE TAPES	174.6	174.6	174.6	97.3	97.3	97.3	(3)	(3)	-	-	-
26415	LAMINATED OR COATED WRAPPERS EXCEPT WAXED ROLLS AND SHEETS	160.7	160.0	161.4	96.3	96.0	96.8	58.4	73.4	58	-	-
26416	COATED AND PROCESSED PAPER	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2642	ENVELOPES <sup>6</sup>	130.3	130.3	130.3	102.8	102.8	102.8	100.0	100.0	-	-	s 100
26420	ENVELOPES	130.3	130.3	130.3	102.8	102.8	102.8	100.0	100.0	-	-	s 100
2643	BAGS, EXCEPT TEXTILE BAGS	127.3	126.9	127.7	89.5	89.3	89.8	47.7	(2)	6	48	-
26430	BAGS, EXCEPT TEXTILE BAGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26431	GROCERS AND VARIETY BAGS, WARDROBE, SHOPPING AND OTHER	122.2	122.2	122.2	86.7	86.7	86.7	92.7	97.4	3	90	-
26432	SPECIALTY BAGS AND LINERS	155.6	155.6	155.6	87.8	87.8	87.8	(3)	(3)	-	-	-
26433	SHIPPING SACKS AND MULTIWALL BAGS	98.1	97.8	98.3	94.1	93.8	94.3	99.8	96.1	18	82	-
2644	WALLPAPER	86.3	85.4	87.4	109.4	108.0	110.6	93.5	97.1	94	-	-
26440	WALLPAPER	86.3	85.4	87.4	109.4	108.0	110.6	93.5	97.1	94	-	-
2645	DIE-CUT PAPER AND BOARD	142.4	141.2	143.6	100.6	99.9	101.6	85.7	84.4	66	19	-
26450	DIE-CUT PAPER AND BOARD NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26451	OFFICE SUPPLIES AND MISCELLANEOUS PRODUCTS	139.5	137.9	141.1	102.4	101.5	103.8	84.8	80.1	85	-	-
26452	PASTED, LINED, LAMINATED OR SURFACE COATED PAPERBOARD	135.1	135.1	135.1	95.0	95.0	95.0	100.0	100.0	-	100	-
2646	PRESSED AND MOLOEO PULP GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26461	BITUMINOUS FIBER PIPE SEWER AND DRAINAGE AND CONDUIT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26462	OTHER PRESSED AND MOLOEO PULP GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2647	SANITARY PAPER PRODUCTS	129.2	129.1	129.3	103.9	103.8	104.0	99.7	100.0	100	-	-
26471	SANITARY NAPKINS AND TAMPONS	119.5	119.5	119.5	102.4	102.4	102.4	100.0	100.0	100	-	-
26472	SANITARY TISSUE HEALTH PRODS	131.2	131.0	131.3	104.2	104.0	104.3	99.6	100.0	100	-	-
2649	PAPER AND BOARD PRODUCTS, NEC	121.2	120.2	122.2	100.9	100.1	101.8	33.8	34.2	30	4	-
26490	CONVERTED PAPER AND BOARD PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
26491	STATIONERY, TABLETS, AND RELATED PRODUCTS	134.6	134.4	134.9	99.3	99.1	99.5	57.5	63.3	58	-	-
26492	WRAPPING PRODUCTS, GIFT WRAP ETC	90.2	90.2	90.2	112.1	112.1	112.1	15.0	14.9	15	-	-
26495	OTHER CONVERTED PAPER AND BOARD PRODUCTS	117.3	115.1	119.6	101.3	99.6	103.5	25.9	24.7	17	9	-
265	PAPERBOARD CONTAINERS AND BOXES	132.5	132.2	132.7	98.0	97.9	98.2	97.8	98.5	75	-	23
2651	FOLDING PAPERBOARD BOXES	129.7	129.7	129.7	97.1	97.1	97.1	100.0	100.0	-	-	100
26510	FOLDING PAPERBOARD BOXES	129.7	129.7	129.7	97.1	97.1	97.1	100.0	100.0	-	-	100
2652	SET-UP PAPERBOARD BOXES	104.9	104.9	104.9	98.0	98.0	98.0	100.0	100.0	100	-	-
26520	SET-UP PAPERBOARD BOXES	104.9	104.9	104.9	98.0	98.0	98.0	100.0	100.0	100	-	-
2653	CORRUGATED SHIPPING CONTAINERS	136.6	136.5	136.8	96.0	95.9	96.2	100.0	100.0	100	-	-
26530	CORRUGATED AND SOLID FIBER BOXES INCLUDING PALLETS	136.6	136.5	136.8	96.0	95.9	96.2	100.0	100.0	100	-	-
2654	SANITARY FOOD CONTAINERS	128.0	127.9	128.2	103.7	103.6	103.8	100.0	100.0	100	-	-
26541	MILK AND OTHER BEVERAGE CARTONS	128.5	128.5	128.5	111.2	111.2	111.2	100.0	100.0	100	-	-
26542	CUPS AND LIQUID TIGHT FOOD CONTAINERS	129.1	129.1	129.1	100.8	100.8	100.8	100.0	100.0	100	-	-
26543	OTHER SANITARY FOOD CONTAINERS, BOARDS AND TRAYS	126.4	126.0	126.9	99.7	99.4	100.2	100.0	100.0	100	-	-
2655	FIBER CANS, TUBES, DRUMS, ETC	154.7	153.1	156.3	102.0	101.1	103.2	65.8	71.5	66	-	-
26551	DRUMS WITH METAL WOOD OR PAPERBOARD ENDS	99.5	99.5	99.5	112.6	112.6	112.6	100.0	100.0	100	-	-
26552	FIBER CANS, TUBES AND OTHER FIBER PRODUCTS	183.1	182.9	183.3	96.6	96.5	96.8	56.8	59.7	57	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: M National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
266	BUILDING PAPER AND BOARD MILLS	104.2	104.1	104.3	98.7	98.4	98.9	99.5	98.5	100	-	-
2661	BUILDING PAPER AND BOARD MILLS	104.2	104.1	104.3	98.7	98.4	98.9	99.5	98.5	100	-	-
26610	OTHER PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	100	-	-
26611	INSULATING BOARD	107.1	107.1	107.1	92.3	92.3	92.3	100.0	100.0	100	-	-
26612	CONSTRUCTION PAPER DRY BASIS BEFORE SATURATING	102.6	102.6	102.6	108.1	108.1	108.1	100.0	100.0	100	-	-
27	PRINTING AND PUBLISHING <sup>7</sup>	113.9	112.4	115.6	111.8	110.4	113.5	96.6	(2)	59	38	
271	NEWSPAPERS	113.2	113.1	113.3	107.6	107.5	107.7	25.5	26.8			
2711	NEWSPAPERS <sup>7</sup>	113.2	113.1	113.3	107.6	107.5	107.7	25.5	26.8			
27111	DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM SUBSCRIPTION AND SALE	107.9	107.8	108.0	107.6	107.5	107.7	100.0	100.0			
27112	DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM ADVERTISING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27113	WEEKLY AND OTHER NEWSPAPERS, RECEIPTS FROM SUBSCRIPTION AND SALES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27114	WEEKLY AND OTHER NEWSPAPERS, RECEIPTS FROM ADVERTISING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
272	PERIODICALS	120.8	118.7	123.1	102.7	101.0	104.7	31.0	31.7			
2721	PERIODICALS <sup>7</sup>	120.8	118.7	123.1	102.7	101.0	104.7	31.0	31.7			
27210	PERIODICALS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27211	FARM PERIODICALS RECEIPTS FROM SUBSCRIPTIONS AND SALES	74.0	73.9	74.1	101.6	101.5	101.8	100.0	100.0			
27212	FARM PERIODICALS RECEIPTS FROM ADVERTISING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27213	SPECIALIZED BUSINESS AND PROFESSIONAL PERIODICALS RECEIPTS FROM SALE	150.3	148.2	152.3	94.6	93.3	95.9	25.3	35.1			
27214	SPECIALIZED BUSINESS AND PROFESSIONAL PUBLISHING RECEIPTS FROM ADVERTISING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27215	GENERAL PERIODICALS RECEIPTS FROM SUBSCRIPTIONS AND SALES	113.1	112.4	114.0	118.1	117.3	119.0	95.8	97.7			
27216	GENERAL PERIODICALS RECEIPTS FROM ADVERTISING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27217	OTHER PERIODICALS RECEIPTS FROM SUBSCRIPTION AND SALES AND ADVERTISING	118.8	118.8	118.8	73.0	73.0	73.0	66.5	53.6			
273	BOOKS	121.7	118.6	125.7	122.7	119.6	126.7	64.1	63.3			
2731	BOOKS, PUBLISHING AND PRINTING <sup>7</sup>	124.0	120.8	128.1	122.7	119.6	126.7	89.2	89.8			
27310	BOOKS AND PAMPHLETS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27311	TEXTBOOKS AND RELATED INSTRUCTION MATERIALS	133.4	133.5	133.3	125.4	125.5	125.3	99.3	100.0			
27312	SUBSCRIPTION REFERENCE BOOKS HARDBOUND	79.6	79.6	79.6	159.2	159.2	159.2	100.0	100.0			
27313	TECHNICAL SCIENTIFIC AND PROFESSIONAL BOOKS	176.4	174.5	177.9	76.3	75.8	77.2	96.0	100.0			
27314	RELIGIOUS BOOKS	107.6	105.6	110.3	128.1	125.4	131.0	96.8	100.0			
27315	GENERAL BOOKS, TRADE ETC	132.8	129.5	137.1	124.7	121.7	128.8	98.4	100.0			
27316	OTHER BOOKS AND PAMPHLETS	126.7	126.7	126.7	127.3	127.3	127.3	16.7	13.3			
2732	BOOK PRINTING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27320	BOOK AND PAMPHLET PRINTING AND COMPLETE BOOK MFG NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27321	BOOK AND PAMPHLET PRINTING AND BOOK BINDING LITHOGRAPHIC PROCESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27322	BOOK AND PAMPHLET PRINTING AND BOOK BINDING OTHER PROCESSES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
274	MISCELLANEOUS PUBLISHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2741	MISCELLANEOUS PUBLISHING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27410	MISCELLANEOUS PUBLISHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27411	CATALOGS AND DIRECTORIES PUBLISHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27412	BUSINESS SERVICE PUBLICATIONS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27413	OTHER MISCELLANEOUS PUBLISHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
275	COMMERCIAL PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2751	PRINTING, EXCEPT LITHOGRAPHIC <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27510	COMMERCIAL PRINTING EXCEPT LITHO NOT SPECIFIED BY PROCESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27511	COMMERCIAL PRINTING MAGAZINES AND PERIODICALS LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27512	LABELS AND WRAPPERS PRINTING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27513	CATALOGS AND DIRECTORIES PRINTING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27514	FINANCIAL AND LEGAL PRINTING EXCEPT CHECKBOOKS LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27515	ADVERTISING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27516	OTHER GENERAL JOB PRINTING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27517	GRAVURE PUBLICATION PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27518	OTHER GRAVURE PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27519	SCREEN PROCESS PRINTING EXCEPT TEXTILES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2752	PRINTING LITHOGRAPHIC <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27520	COMMERCIAL LITHOGRAPHIC PRINTING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27521	MAGAZINES AND PERIODICALS LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27522	LABELS AND WRAPPERS PRINTING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27523	CATALOGS AND DIRECTORIES PRINTING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27524	FINANCIAL AND LEGAL PRINTING EXCEPT CHECKBOOKS LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27525	ADVERTISING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27526	OTHER COMMERCIAL PRINTING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27527	LITHOGRAPHIC PLATES MADE FOR OTHERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2753	ENGRAVING AND PLATE PRINTING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27530	ENGRAVING AND PLATE PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
276	MANIFOLD BUSINESS FORMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2761	MANIFOLD BUSINESS FORMS <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27610	MANIFOLD BUSINESS FORMS MANUFACTURING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27611	CONTINUOUS BUSINESS FORMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27612	UNIT SET FORMS SNAP OUT TYPES EITHER LOOSE OR BOUND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27613	SALES AND OTHER MANIFOLD BOOKS EXC FOOD AND BEVERAGE CHECKS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
277	GREETING CARD MANUFACTURING	108.5	108.0	108.9	103.4	103.0	103.8	83.0	82.8			
2771	GREETING CARD MANUFACTURING <sup>7</sup>	108.5	108.0	108.9	103.4	103.0	103.8	83.0	82.8			
27710	GREETING CARDS RECEIPTS NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27711	GREETING CARDS PUBLISHERS SALES	108.6	108.2	109.1	103.4	103.0	103.8	97.9	97.9			
27712	GREETING CARDS PRINTED FOR PUBLICATION BY OTHERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			

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 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

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 T Tariff Commission. S Special - see numbered footnote for further explanation.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

A-15

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
278	BOOKBINDING AND RELATED WORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2782	BLANKBOOKS; LOOSELEAF BINDERS <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27821	BLANKBOOK MAKING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27822	LOOSELEAF BINDERS AND DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2789	BOOKBINDING AND RELATED WORK <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27890	BOOKBINDING NOT REPORTED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27891	EDITION LIBRARY AND OTHER HARD COVER BOOKBINDING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27892	OTHER BOOK AND PAMPHLET BINDING AND RELATED BINDING WORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
279	PRINTING TRADES SERVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2791	TYPESETTING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27910	TYPESETTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2793	PHOTOENGRAVING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27930	PHOTOENGRAVING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
2794	ELECTROTYPING AND STEREOTYPING <sup>7</sup>	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
27940	ELECTROTYPING AND STEREOTYPING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
28	CHEMICALS AND ALLIED PRODUCTS	150.7	148.7	152.5	91.8	90.9	93.1	65.2	(2)	42	14	T 10
281	BASIC CHEMICALS	155.4	153.9	156.8	92.1	91.5	92.9	56.2	(2)	32	-	T 25
2812	ALKALIES AND CHLORINE	139.5	139.4	139.5	93.7	93.7	93.8	97.6	98.4	98	-	-
28121	CHLORINE	149.5	149.5	149.5	98.6	98.6	98.6	100.0	100.0	100	-	-
28122	SODIUM CARBONATE SODA ASH	112.1	112.2	112.0	97.8	97.9	97.7	100.0	100.0	100	-	-
28123	SODIUM HYDROXIDE (CAUSTIC SODA)	139.7	139.7	139.7	87.7	87.7	87.7	100.0	100.0	100	-	-
28124	OTHER ALKALIES	148.0	148.1	147.9	99.8	99.9	99.7	56.1	60.4	56	-	-
2813	INDUSTRIAL GASES	178.8	173.7	183.2	82.7	80.9	86.1	37.1	(2)	37	-	-
28132	ACETYLENE	143.6	143.6	143.6	85.3	85.3	85.3	100.0	100.0	100	-	-
28133	CARBON DIOXIDE	134.6	133.8	135.2	86.2	85.8	86.8	100.0	100.0	100	-	-
28134	ELEMENTAL GASES AND COMPRESSED AND LIQUEFIED GASES NEC <sup>8</sup>	229.1	217.2	239.4	80.8	78.4	86.4	(3)	(3)	-	-	-
2814	CYCLIC COAL TAR CRUDES	86.9	88.1	85.8	91.1	92.3	90.0	93.5	83.4	-	-	T 94
28140	TAR, TAR CRUDES, AND TAR PITCHES	86.9	88.1	85.8	91.1	92.3	90.0	93.5	83.4	-	-	T 94
2815	INTERMEDIATE COAL TAR PRODUCTS	162.0	160.4	163.4	90.1	89.5	91.1	39.7	(2)	-	-	T 40
28150	INTERMEDIATE COAL TAR PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28151	CYCLIC COAL TAR INTERMEDIATES	183.9	182.5	185.0	77.4	76.9	78.0	30.7	38.6	-	-	T 31
28152	SYNTHETIC ORGANIC DYES	141.9	140.8	143.1	102.4	101.7	103.4	86.6	87.5	-	-	T 87
28153	SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS	137.6	137.6	137.6	101.1	101.1	101.1	(3)	(3)	-	-	-
2816	INORGANIC PIGMENTS	124.8	125.0	124.7	95.8	95.9	95.7	85.5	87.5	86	-	-
28160	INORGANIC COLOR PIGMENTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28161	TITANIUM PIGMENTS, COMPOSITE AND PURE	128.6	128.6	128.6	96.8	96.8	96.8	100.0	100.0	100	-	-
28162	OTHER WHITE OPAQUE PIGMENTS	110.7	110.6	110.8	87.0	86.9	87.2	82.2	84.7	82	-	-
28163	CHROME COLORS AND OTHER INORGANIC PIGMENTS	123.7	123.9	123.5	97.8	97.9	97.7	60.5	66.0	61	-	-
2818	ORGANIC CHEMICALS, NEC	179.3	176.4	181.9	87.4	86.6	88.7	35.5	(2)	-	-	T 36
28180	ORGANIC CHEMICALS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28181	MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS	170.0	167.9	171.8	83.7	82.9	84.7	18.6	25.5	-	-	T 19
28182	MISCELLANEOUS ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS	181.4	179.3	183.3	86.4	86.1	86.9	35.8	36.6	-	-	T 36
28183	SYNTHETIC ORGANIC CHEMICALS NEC EXCEPT BULK SURFACE AGENTS	168.9	167.2	174.7	82.4	80.0	86.7	54.9	57.5	-	-	T 55
28184	PESTICIDES AND OTHER ORGANIC AGRICULTURAL CHEMICALS	245.8	238.0	252.7	85.6	83.1	89.7	41.5	71.2	-	-	T 42
28185	ETHYL ALCOHOL AND OTHER INDUSTRIAL ORGANIC CHEMICALS NEC	153.4	153.4	153.4	103.3	103.3	103.3	(3)	(3)	-	-	-
2819	INORGANIC CHEMICALS, NEC <sup>9</sup>	147.4	147.3	147.6	95.7	95.6	95.8	68.1	69.0	68	-	-
28191	SYNTHETIC AMMONIA NITRIC ACID AND AMMONIUM COMPOUNDS	162.8	162.8	162.7	96.6	96.5	96.7	95.3	96.9	95	-	-
28192	CHLORINE AND OTHER BLEACHING COMPOUNDS	192.7	192.7	192.7	90.4	90.4	90.4	4.1	4.9	4	-	-
28193	SULFURIC ACID	132.5	132.1	132.9	93.3	93.3	93.4	100.0	100.0	100	-	-
28194	INORGANIC ACIDS EXCEPT NITRIC AND SULFURIC	154.8	154.9	154.6	89.0	89.0	88.9	87.7	82.7	88	-	-
28195	ALUMINUM OXIDE EXCEPT NATURAL ALUMINA	155.9	155.9	155.9	95.2	95.2	95.2	100.0	100.0	100	-	-
28196	OTHER ALUMINUM COMPOUNDS	143.9	144.4	143.4	96.6	96.7	96.4	82.0	83.9	82	-	-
28197	POTASSIUM AND SODIUM COMPOUNDS EXCEPT BLEACHES ETC	125.4	125.4	125.5	95.7	95.6	95.7	59.9	59.1	60	-	-
28198	CHEMICAL CATALYTIC PREPARATIONS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28199	OTHER INORGANIC CHEMICALS NEC	139.4	139.1	139.8	98.4	98.2	98.7	49.6	53.6	50	-	-
282	FIBERS, PLASTICS, RUBBERS	170.2	166.2	173.7	84.7	83.4	87.1	84.0	81.4	82	-	T 2
2821	PLASTICS MATERIALS AND RESINS	173.5	167.3	178.7	80.8	79.1	84.2	67.4	63.3	63	-	T 5
28210	PLASTIC MATERIALS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28211	UNSUP PLAS FILM ETC MADE FROM RESINS MFD IN THE SAME ESTAB	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28212	REGENERATED CELLULOSIC PRODUCTS EXCEPT RAYON	106.9	106.8	107.0	99.7	99.6	99.8	95.7	96.2	96	-	-
28213	SYNTHETIC RESINS EXCLUDING PROTECTIVE COATINGS	244.9	242.0	246.9	70.6	70.2	71.4	80.7	77.4	81	-	-
28214	THERMOSETTING RESINS AND PLASTICS MATERIALS EXC COATINGS	170.2	168.4	171.8	94.1	93.5	95.1	93.5	100.0	78	-	T 15
28215	SYNTHETIC RESIN ADHESIVES	61.5	61.5	61.5	78.3	78.3	78.3	17.0	18.1	17	-	-
28216	SYNTHETIC RESINS FOR PROTECTIVE COATINGS	130.9	130.9	131.0	89.6	89.4	89.7	27.4	30.1	-	-	T 27
28217	CUSTOM COMPOUNDING OF PURCHASED RESINS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28219	PLASTICS AND RESIN MATERIALS NEC	67.8	67.8	67.8	105.5	105.5	105.5	20.1	15.5	20	-	-
2822	SYNTHETIC RUBBER	146.5	145.9	147.1	98.0	97.6	98.4	100.0	100.0	100	-	-
28220	SYNTHETIC RUBBER VULCANIZABLE ELASTOMERS	146.5	145.9	147.1	98.0	97.6	98.4	100.0	100.0	100	-	-
2823	CELLULOSIC MANMADE FIBERS	121.8	121.5	122.0	91.2	91.0	91.5	100.0	100.0	100	-	-
28231	ACETATE YARN YARN STAPLE AND TOW	130.5	130.5	130.5	90.3	90.3	90.3	100.0	100.0	100	-	-
28232	RAYON YARN VISCOSE AND CUPRAMMONIUM PROCESS YARN ETC	116.3	116.4	117.2	91.8	91.4	92.2	100.0	100.0	100	-	-
2824	ORGANIC FIBERS, NONCELLULOSIC	228.9	228.9	228.9	79.1	75.1	79.3	100.0	100.0	100	-	-
28241	POLYAMIDE FIBERS NYLON EXCEPT MONOFILAMENTS	228.6	228.6	228.6	75.2	75.2	75.2	100.0	100.0	100	-	-
28242	OTHER NONCELLULOSIC SYNTHETIC ORGANIC FIBERS	229.4	229.4	229.4	87.5	87.5	87.5	100.0	100.0	100	-	-

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Institutes of Health, M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
283	DRUGS	152.8	151.1	154.1	81.6	81.0	82.6	89.8	88.6	-	80	T 10
2831	BIOLOGICAL PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28310	BIOLOGICAL PRODUCTS NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28311	BIOLOGICAL PRODUCTS FOR HUMAN USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28312	BIOLOGICAL PRODUCTS FOR VETERINARY USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2833	MEDICINALS AND BOTANICALS	138.9	138.9	138.9	79.9	79.9	79.9	84.8	81.0	-	-	T 85
28330	MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28331	SYNTHETIC ORGANIC MEDICINAL CHEMICALS IN BULK	145.4	145.4	145.4	79.9	79.9	79.9	100.0	100.0	-	-	T 100
28332	OTHER BULK MEDICINAL CHEMICALS AND BOTANICAL PRODS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2834	PHARMACEUTICAL PREPARATIONS	154.1	152.2	155.7	81.8	81.1	83.0	95.5	94.3	-	96	-
28340	PHARM PREPARATIONS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28341	PHARM PREPARATIONS FOR HUMAN USE TOTAL <sup>10</sup>	156.3	154.3	157.8	81.8	81.1	83.0	100.0	100.0	-	100	-
28349	PHARM PREPARATION FOR VETERINARY USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
284	CLEANING AND TOILET GOODS	137.3	137.6	137.1	100.4	100.5	100.4	65.8	(2)	39	27	-
2841	SOAP AND OTHER DETERGENTS	121.3	121.4	121.2	97.1	96.9	97.2	92.8	94.4	87	6	-
28410	SOAP AND OTHER DETERGENTS EXCEPT SPECIALTY CLEANERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28411	ALKALINE DETERGENTS AND ACID-TYPE CLEANERS	145.2	144.7	145.8	108.3	108.0	108.8	73.8	81.3	55	19	-
28412	SOAPS EXCEPT SPECIALTY CLEANERS BULK	97.0	97.4	96.7	92.4	92.8	92.1	58.8	67.8	59	-	-
28413	SOAPS EXCEPT SPECIALTY CLEANERS PACKAGED	100.7	100.9	100.6	102.6	102.7	102.5	93.4	92.7	93	-	-
28414	GLYCERINE	69.9	70.0	69.9	66.1	66.0	66.2	100.0	100.0	100	-	-
28415	SYNTHETIC ORGANIC DETERGENTS PACKAGED	125.0	124.3	125.6	96.3	95.9	96.8	99.6	99.8	100	-	-
28416	SYNTHETIC ORGANIC DETERGENTS BULK	179.3	177.5	181.1	95.5	95.0	96.6	95.1	94.4	35	60	-
2842	POLISHES AND SANITATION GOODS	134.6	134.0	135.2	103.8	103.4	104.3	65.7	(2)	26	40	-
28420	SPECIALTY CLEANING POLISHING AND SANITATION PREPARATIONS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28421	HOUSEHOLD INSECTICIDES AND REPELLANTS	123.2	123.2	123.2	104.6	104.6	104.6	(3)	(3)	-	-	-
28423	SPECIALTY CLEANING AND SANITATION PRODUCTS	177.8	176.8	178.9	102.5	102.0	103.2	72.4	100.0	13	59	-
28424	POLISHING PREPARATIONS AND RELATED PRODUCTS	111.0	110.4	111.6	105.3	104.8	105.9	54.1	49.0	54	-	-
2843	SURFACE ACTIVE AGENTS	127.7	128.1	127.3	105.8	106.1	105.4	19.4	16.3	19	-	-
28430	SURFACE ACTIVE AGENTS FINISHING AGENTS SULFONATED OILS ETC	127.7	128.1	127.3	105.8	106.1	105.4	19.4	16.3	19	-	-
2844	TOILET PREPARATIONS	160.5	160.6	160.3	102.9	103.0	102.8	37.0	(2)	2	35	-
28440	TOILET PREPARATIONS NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28441	SHAVING PREPARATIONS	146.3	146.2	146.4	101.3	101.3	101.4	(3)	(3)	31	68	-
28442	PERFUMES TOILET WATER AND COLOGNES	193.9	193.9	193.9	104.0	104.0	104.0	(3)	(3)	-	-	-
28443	HAIR PREPARATIONS INCLUDING SHAMPOOS	186.7	186.7	186.7	100.5	100.5	100.5	(3)	(3)	-	-	-
28444	DETERGENTS INCLUDING MOUTHWASHES GARGLES AND RINSES	119.6	119.6	119.6	96.5	96.5	96.5	(3)	(3)	-	-	-
28445	OTHER COSMETICS AND TOILET PREPARATIONS	155.3	155.4	155.2	107.5	107.5	107.4	100.0	100.0	-	100	-
285	PAINTS AND ALLIED PRODUCTS	130.1	129.1	131.2	99.5	98.8	100.5	78.5	(2)	79	-	-
2851	PAINTS AND ALLIED PRODUCTS	130.1	129.1	131.2	99.5	98.8	100.5	78.5	(2)	79	-	-
28510	PAINTS VARNISHES LACQUERS JAPANS AND ENAMELS ETC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28511	EXTERIOR OIL-TYPE TRADE SALES PAINT PRODUCTS	99.7	99.4	100.0	102.3	101.9	102.7	96.6	97.5	97	-	-
28512	EXTERIOR WATER-TYPE TRADE SALE PAINT PRODUCTS	450.7	450.7	450.7	86.1	86.1	86.1	(3)	(3)	-	-	-
28513	INTERIOR OIL-TYPE TRADE SALES PAINTS	102.9	102.8	102.9	99.9	99.8	99.9	94.0	100.0	94	-	-
28514	INTERIOR WATER-TYPE TRADE SALES PAINT PRODUCTS	152.1	149.6	154.6	95.7	94.4	97.6	91.5	90.4	92	-	-
28515	TRADE SALES LACQUERS	140.9	140.9	140.8	91.0	90.8	91.2	92.6	92.6	93	-	-
28516	INDUSTRIAL PRODUCT FINISHES (EXCEPT LACQUERS)	135.9	135.3	136.5	101.0	100.7	101.6	93.7	93.2	94	-	-
28517	INDUSTRIAL LACQUERS	123.0	121.9	124.0	98.3	97.7	99.2	97.1	97.2	97	-	-
28518	PUTTY CAULKING COMPOUNDS AND ALLIED PRODUCTS	175.4	176.8	173.8	112.1	113.0	111.2	43.9	71.2	44	-	-
28519	MISCELLANEOUS PAINT PRODUCTS	163.8	164.5	163.1	93.0	93.4	92.6	31.6	45.3	32	-	-
286	GUM AND WOOD CHEMICALS	128.0	128.4	127.6	110.0	109.9	110.1	59.2	52.8	51	8	-
2861	GUM AND WOOD CHEMICALS	128.0	128.4	127.6	110.0	109.9	110.1	59.2	52.8	51	8	-
28611	SOFTWOOD DISTILLATION PRODUCTS	113.5	115.0	111.8	113.2	114.0	112.2	46.8	36.7	47	-	-
28612	OTHER GUM AND WOOD CHEMICALS	141.8	141.1	142.5	108.4	108.0	108.9	68.3	70.8	55	14	-
287	AGRICULTURAL CHEMICALS	136.2	136.2	136.2	101.6	101.6	101.6	24.9	(2)	19	6	-
2871	FERTILIZERS	132.2	132.3	132.1	100.7	100.7	100.7	37.2	(2)	22	15	-
28711	SUPERPHOSPHATE AND OTHER PHOSPHATIC FERTILIZERS	126.8	126.8	126.9	97.8	97.6	97.9	84.5	87.3	51	34	-
28712	MIXED FERTILIZERS (1 OR MORE INGREDIENTS PRODUCED IN PLANT)	138.4	138.4	138.4	102.9	102.9	102.9	(3)	(3)	-	-	-
2872	FERTILIZERS, MIXING ONLY	138.1	138.1	138.1	103.1	103.1	103.1	(3)	(3)	-	-	-
28722	MIXED FERTILIZERS (NO INGREDIENTS PRODUCED IN PLANT)	138.1	138.1	138.1	103.1	103.1	103.1	(3)	(3)	-	-	-
2879	AGRICULTURAL CHEMICALS NEC	141.6	141.2	142.0	101.0	100.7	101.3	31.5	34.4	32	-	-
28790	AGRICULTURAL CHEMICALS NEC	141.6	141.2	142.0	101.0	100.7	101.3	31.5	34.4	32	-	-
289	MISCELLANEOUS CHEMICAL PRODUCTS	131.4	130.4	132.4	99.4	98.7	100.2	46.5	50.9	43	4	-
2891	GLUE AND GELATIN	130.1	130.4	129.8	101.8	102.1	101.5	42.4	46.4	42	-	-
28910	GLUE AND GELATIN NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28911	GLUES ADHESIVES AND SIZES	130.2	130.4	130.0	105.9	106.0	105.7	37.4	39.4	37	-	-
28912	GELATIN EXCEPT READY TO EAT DESSERTS	111.1	110.7	111.4	92.2	92.4	91.9	75.0	79.7	76	-	-
2892	EXPLOSIVES	115.4	115.2	115.7	104.4	104.2	104.6	56.3	67.9	28	28	-
28921	EXPLOSIVES	102.1	101.9	102.4	104.4	104.2	104.6	84.3	90.0	42	42	-
28928	EXPLOSIVES PROD IN GOVT-OWNED PRIV DP PLANTS, DTH MISC REC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2893	PRINTING INK	130.6	129.8	131.4	92.7	92.2	93.3	84.7	86.9	85	-	-
28930	PRINTING INK	130.6	129.8	131.4	92.7	92.2	93.3	84.7	86.9	85	-	-
2895	CARBON BLACK	125.2	125.2	125.2	101.7	101.7	101.7	100.0	100.0	100	-	-
28950	CARBON BLACK	125.2	125.2	125.2	101.7	101.7	101.7	100.0	100.0	100	-	-

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 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
2899	CHEMICAL PREPARATIONS, NEC	137.0	134.6	139.3	99.3	97.8	101.2	27.6	29.2	28	-	-
28990	CHEMICALS AND CHEMICAL PREPARATIONS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
28991	SALT	121.3	121.3	121.3	93.7	93.7	93.7	100.0	00.0	100	-	-
28992	CHEMICAL PREPARATIONS NEC	153.3	152.9	153.7	95.7	95.3	96.3	84.0	77.4	84	-	-
28993	ESSENTIAL OILS FIREWORKS AND PYROTECHNICS AND CHEM NEC	126.7	121.7	132.3	108.0	104.0	113.1	13.3	13.7	13	-	-
29	PETROLEUM AND COAL PRODUCTS	118.7	118.7	118.8	95.1	95.1	95.2	92.0	95.0	92	-	-
291	PETROLEUM REFINING	117.4	117.3	117.5	94.7	94.6	94.8	94.5	97.3	94	-	-
2911	PETROLEUM REFINING	117.4	117.3	117.5	94.7	94.6	94.8	94.5	97.3	94	-	-
29110	OTHER FINISHED PETROLEUM PRODUCTS	110.1	109.3	110.8	92.1	91.4	92.7	77.3	84.7	66	11	-
29111	GASOLINE AND JET FUEL	112.9	113.0	112.7	94.3	94.4	94.2	100.0	100.0	100	-	-
29112	KEROSENE	161.5	161.6	161.5	98.7	98.7	98.7	57.1	100.0	57	-	-
29113	DISTILLATE FUEL OIL	120.7	120.7	120.7	96.4	96.3	96.4	100.0	100.0	100	-	-
29114	RESIDUAL FUEL OIL	66.2	66.3	66.1	92.9	93.1	92.8	100.0	100.0	100	-	-
29115	LIQUEFIED PETROLEUM GASES	222.1	230.0	216.3	77.7	79.0	74.3	50.3	43.7	50	-	-
29116	LUBRICANTS AND SIMILAR OILS MADE IN PETRLUM REFINERIES	118.8	118.8	118.8	105.2	105.2	105.2	99.9	100.0	100	-	-
29117	LUBRICATING GREASES MADE IN PETROLEUM REFINERIES	112.3	112.3	112.3	89.3	89.3	89.3	100.0	100.0	100	-	-
29118	UNFINISHED OILS AND LUBRICATING OIL BASE STOCK	130.3	129.4	131.2	91.5	91.0	92.2	100.0	100.0	100	-	-
29119	ASPHALT	128.2	127.4	128.9	100.3	99.8	100.9	100.0	100.0	100	-	-
295	PAVING AND ROOFING MATERIALS	127.3	126.8	127.9	100.2	99.9	100.7	44.1	50.3	44	-	-
2951	PAVING MIXTURES AND BLOCKS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
29510	PAVING MIXTURES AND BLOCKS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
2952	ASPHALT FELTS AND COATINGS	111.9	111.4	112.3	100.2	99.9	100.7	82.9	83.1	83	-	-
29520	ASPHALT FELTS AND COATING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
29521	ASPHALT AND TAR SATURATED FELTS & BOARDS FOR NONBUILDING USE	125.2	125.2	125.2	78.2	78.2	78.2	54.2	49.1	54	-	-
29522	ASPHALT AND TAR COATING CEMENTS AND PITCHES	151.6	151.6	151.6	91.7	91.7	91.7	42.5	38.4	43	-	-
29523	ASPHALT AND TAR ROOFING AND SLOING PRODUCTS	105.8	105.6	105.9	102.1	101.9	102.2	96.8	96.5	97	-	-
299	PETROLEUM AND COAL PRODUCTS, NEC	149.2	148.8	149.6	106.8	106.6	107.2	97.5	92.5	98	-	-
2992	LUBRICATING OILS AND GREASES	163.1	162.9	163.2	107.3	107.2	107.5	97.6	90.9	98	-	-
29920	LUBRICANTS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
29926	LUBRICANTS AND SIMILAR OILS NOT MADE IN PET REFINERIES	166.8	166.8	166.8	111.7	111.7	111.7	99.4	96.2	99	-	-
29927	LUBRICATING GREASES NOT MADE IN PETROLEUM REFINERIES	178.9	178.9	178.9	89.3	89.3	89.3	93.5	89.0	94	-	-
2999	PETROLEUM AND COAL PRODUCTS, NEC	98.5	97.0	100.0	104.6	103.0	106.1	97.2	98.4	97	-	-
29990	PRODUCTS OF PETROLEUM AND COAL, NEC	98.5	97.0	100.0	104.6	103.0	106.1	97.2	98.4	97	-	-
30	RUBBER AND PLASTICS PRODUCTS, NEC	161.2	159.2	163.1	88.5	87.7	89.8	39.4	(2)	38	1	-
301	TIRES AND INNER TUBES	132.6	132.1	133.0	86.0	85.8	86.4	97.4	97.3	95	2	-
3011	TIRES AND INNER TUBES	132.6	132.1	133.0	86.0	85.8	86.4	97.4	97.3	95	2	-
30111	PASSENGER CAR AND MOTORCYCLE PNEUMATIC TIRES	145.9	145.9	145.9	82.5	82.5	82.5	100.0	100.0	100	-	-
30112	TRUCK AND BUS AND OFF THE ROAD PNEUMATIC TIRES	130.4	130.4	130.4	86.7	86.7	86.7	100.0	100.0	100	-	-
30113	OTHER PNEUMATIC TIRES AND SOLID TIRES	105.0	105.2	104.8	94.7	94.9	94.6	82.2	86.8	82	-	-
30114	ALL INNER TUBES	93.9	94.2	93.7	99.5	99.7	99.3	100.0	100.0	51	49	-
30115	TREAD RUBBER TIRE SUNORIES AND REPAIR MATERIALS	112.3	112.3	112.3	95.9	95.9	95.9	84.9	81.0	85	-	-
302	RUBBER FOOTWEAR	156.5	155.0	158.1	103.2	102.4	104.5	98.3	99.2	98	-	-
3021	RUBBER FOOTWEAR	156.5	155.0	158.1	103.2	102.4	104.5	98.3	99.2	98	-	-
30210	RUBBER FOOTWEAR	156.5	155.0	158.1	103.2	102.4	104.5	98.3	99.2	98	-	-
303	RECLAIMED RUBBER	108.6	108.6	108.6	110.2	110.2	110.2	100.0	100.0	100	-	-
3031	RECLAIMED RUBBER	108.6	108.6	108.6	110.2	110.2	110.2	100.0	100.0	100	-	-
30310	RECLAIMED RUBBER	108.6	108.6	108.6	110.2	110.2	110.2	100.0	100.0	100	-	-
306	RUBBER PRODUCTS, NEC	140.4	141.3	139.6	95.5	96.1	94.8	24.8	30.6	22	3	-
3069	RUBBER PRODUCTS, NEC	140.4	141.3	139.6	95.5	96.1	94.8	24.8	30.6	22	3	-
30690	FABRICATED RUBBER PRODUCTS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
30691	RUBBER BELTS AND BELTING	120.8	120.7	121.0	101.2	101.1	101.4	92.0	93.6	51	41	-
30692	RUBBER HOSE AND TUBING	159.7	159.2	160.1	103.2	102.9	103.5	31.1	39.3	31	-	-
30693	SPONGE AND FOAM RUBBER GOODS	148.5	150.9	146.6	78.0	79.4	76.8	35.4	61.8	35	-	-
30694	RUBBER FLOOR AND WALL COVERING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
30695	MECHANICAL RUBBER GOODS NEC	160.4	160.4	160.4	99.5	99.5	99.5	4.0	4.1	4	-	-
30696	RUBBER HEELS AND SOLES	98.7	98.4	99.0	100.3	100.1	100.6	99.3	100.0	99	-	-
30697	DRUGGIST AND MEDICAL SUNORIFS	149.4	148.5	150.2	92.6	92.2	93.2	50.2	46.4	50	-	-
30698	OTHER RUBBER GOODS NEC	127.9	127.5	128.2	91.3	91.1	91.6	8.4	7.6	8	-	-
307	PLASTICS PRODUCTS, NEC	210.8	205.6	215.5	87.2	85.9	90.0	(3)	(3)	-	-	-
3079	PLASTICS PRODUCTS, NEC <sup>11</sup>	210.8	205.6	215.5	87.2	85.9	90.0	(3)	(3)	-	-	-
30790	PLASTICS PRODUCTS NOT SPECIFIED BY PROCESS OR BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	-	-	-
30791	UNSUPPORTED PLASTICS FILM ETC. MADE FROM PURCHASED RESINS	223.0	223.0	223.0	77.4	77.4	77.4	(3)	(3)	-	-	-
30792	FOAMED PLASTICS PRODUCTS	670.4	670.4	670.4	72.1	72.1	72.1	(3)	(3)	-	-	-
30793	LAMINATED SHEETS ROOS AND TUBES	173.6	173.6	173.6	86.3	86.3	86.3	(3)	(3)	-	-	-
30794	PLASTICS PACKAGING AND SHIPPING CONTAINERS	260.8	260.8	260.8	73.0	73.0	73.0	(3)	(3)	-	-	-
30795	INDUSTRIAL PLASTICS PRODUCTS	158.3	158.3	158.3	119.0	119.0	119.0	(3)	(3)	-	-	-
30796	CONSTRUCTION PLASTICS PRODUCTS	214.9	214.9	214.9	76.8	76.8	76.8	(3)	(3)	-	-	-
30797	PLASTICS DINNFR TABLE AND KITCHENWARE	178.7	178.7	178.7	77.0	77.0	77.0	(3)	(3)	100	-	-
30798	CONSUMER AND COMMERCIAL PLASTICS PRODUCTS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
31	LEATHER AND LEATHER PRODUCTS	101.5	101.4	101.7	106.7	106.5	106.9	81.6	84.1	82	-	-
311	LEATHER TANNING AND FINISHING	92.4	92.0	92.8	108.3	107.9	108.8	80.0	82.7	80	-	-
3111	LEATHER TANNING AND FINISHING	92.4	92.0	92.8	108.3	107.9	108.8	80.0	82.7	80	-	-
31110	FINISHED AND ROUGH LEATHERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
31111	CATTLE HIDE AND KIP SIDE FINISHED LEATHERS	88.2	87.7	88.7	109.6	108.9	110.1	99.5	99.2	100	-	-
31112	CALF AND WHOLE KIP FINISHED LEATHERS	83.6	83.6	83.6	99.2	99.2	99.2	100.0	100.0	100	-	-
31113	SHEEP AND LAMB FINISHED LEATHERS	117.8	117.8	117.8	104.2	104.2	104.2	27.6	24.2	28	-	-
31114	OTHER FINISHED LEATHERS	90.0	90.2	89.9	111.5	111.7	111.3	59.9	58.5	60	-	-
31115	ROUGH RUSSET AND CRUST LEATHER	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
312	INDUSTRIAL LEATHER BELTING	77.9	77.9	77.9	108.0	108.0	108.0	16.9	16.2	-	17	-
3121	INDUSTRIAL LEATHER BELTING	77.9	77.9	77.9	108.0	108.0	108.0	16.9	16.2	-	17	-
31210	INDUSTRIAL LEATHER PRODUCTS	77.9	77.9	77.9	108.0	108.0	108.0	16.9	16.2	-	17	-
313	FOOTWEAR CUT STOCK	87.6	86.7	88.6	103.2	102.0	104.3	68.2	66.3	68	-	-
3131	FOOTWEAR CUT STOCK	87.6	86.7	88.6	103.2	102.0	104.3	68.2	66.3	68	-	-
31310	FOOTWEAR CUT STOCK AND FINDINGS	87.6	86.7	88.6	103.2	102.0	104.3	68.2	66.3	68	-	-
314	FOOTWEAR, EXCEPT RUBBER	103.1	103.1	103.1	107.3	107.3	107.3	94.7	97.5	95	-	-
3141	SHOES, EXCEPT RUBBER	103.0	103.0	103.0	107.4	107.4	107.5	97.5	100.0	98	-	-
31410	FOOTWEAR NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
31411	MEN'S DRESS SHOES INCLUDING PLAY SHOES	108.0	108.0	108.0	104.1	104.1	104.1	100.0	100.0	100	-	-
31412	MEN'S WORK SHOES	107.2	107.2	107.2	111.1	111.1	111.1	100.0	100.0	100	-	-
31413	YOUTHS' AND BOYS' SHOES	94.2	94.2	94.2	106.7	106.7	106.7	100.0	100.0	100	-	-
31414	WOMEN'S DRESS, WORK, AND PLAY SHOES	98.7	98.7	98.7	108.4	108.4	108.4	100.0	100.0	100	-	-
31415	MISSSES' AND CHILDREN'S SHOES	93.9	93.9	93.9	105.2	105.2	105.2	100.0	100.0	100	-	-
31416	INFANTS' AND BABIES' SHOES	86.8	86.8	86.8	110.5	110.5	110.5	100.0	100.0	100	-	-
31417	ALL OTHER FOOTWEAR	99.8	99.8	99.8	115.6	115.6	115.6	100.0	100.0	100	-	-
3142	HOUSE SLIPPERS	106.8	106.8	106.7	103.3	103.3	103.2	46.2	53.5	46	-	-
31420	HOUSE SLIPPERS	106.8	106.8	106.7	103.3	103.3	103.2	46.2	53.5	46	-	-
315	LEATHER GLOVES	120.4	120.4	120.4	104.3	104.3	104.4	94.1	100.0	94	-	-
3151	LEATHER GLOVES	120.4	120.4	120.4	104.3	104.3	104.4	94.1	100.0	94	-	-
31510	LEATHER GLOVES	120.4	120.4	120.4	104.3	104.3	104.4	94.1	100.0	94	-	-
316	LUGGAGE	107.3	106.7	108.0	105.7	105.1	106.4	76.4	73.3	76	-	-
3161	LUGGAGE	107.3	106.7	108.0	105.7	105.1	106.4	76.4	73.3	76	-	-
31610	LUGGAGE	107.3	106.7	108.0	105.7	105.1	106.4	76.4	73.3	76	-	-
317	PURSES AND SMALL LEATHER GOODS	122.3	122.3	122.2	98.6	98.6	98.5	39.0	47.3	39	-	-
3171	HANDBAGS AND PURSES	125.5	125.5	125.5	99.0	99.0	99.0	37.1	50.9	37	-	-
31710	WOMEN'S HANDBAGS AND PURSES	125.5	125.5	125.5	99.0	99.0	99.0	37.1	50.9	37	-	-
3172	SMALL LEATHER GOODS	117.1	117.4	116.8	97.8	98.0	97.5	42.3	41.6	42	-	-
31720	SMALL LEATHER GOODS	117.1	117.4	116.8	97.8	98.0	97.5	42.3	41.6	42	-	-
319	LEATHER GOODS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3199	LEATHER GOODS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
31990	LEATHER GOODS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32	STONE, CLAY, AND GLASS PRODUCTS	124.7	124.2	125.1	100.6	100.3	101.0	71.8	(2)	69	3	-
321	FLAT GLASS	144.3	143.0	145.5	96.4	95.6	97.5	96.4	93.2	96	-	-
3211	FLAT GLASS	144.3	143.0	145.5	96.4	95.6	97.5	96.4	93.2	96	-	-
32110	FLAT GLASS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32111	SHEET WINDOW GLASS NOT ROLLED INCLUDING COLORED	144.6	143.9	145.4	109.8	109.5	110.3	100.0	100.0	100	-	-
32113	LAMINATED GLASS INCLUDING SAFETY GLASS	129.1	129.1	129.1	96.8	96.8	96.8	93.1	85.4	93	-	-
32114	PLATE GLASS AND OTHER FLAT GLASS	157.6	155.2	159.9	90.1	88.6	92.4	100.0	100.0	100	-	-
322	PRESSED AND BLOWN GLASSWARE	125.6	124.5	126.7	98.4	97.6	99.4	73.0	(2)	73	-	-
3221	GLASS CONTAINERS	122.1	120.8	123.3	95.1	94.2	96.2	99.9	99.6	100	-	-
32210	GLASS CONTAINERS	122.1	120.8	123.3	95.1	94.2	96.2	99.9	99.6	100	-	-
3229	PRESSED AND BLOWN GLASS, NEC	127.8	126.9	128.7	108.1	107.5	108.9	30.1	(2)	30	-	-
32291	TABLE KITCHEN ART AND NOVELTY GLASSWARE	132.9	132.6	133.2	111.3	111.0	111.5	42.4	50.5	42	-	-
32292	LIGHTING AND ELECTRONIC GLASSWARE	127.5	127.5	127.5	115.1	115.1	115.1	(3)	(3)	-	-	-
32293	TEXTILE TYPE GLASS FIBER	177.2	177.2	177.2	90.8	90.8	90.8	100.0	100.0	100	-	-
32294	OTHER PRESSED AND BLOWN GLASSWARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
323	PRODUCTS OF PURCHASED GLASS	144.8	144.8	144.8	101.9	101.9	101.9	8.7	(2)	-	9	-
3231	PRODUCTS OF PURCHASED GLASS	144.8	144.8	144.8	101.9	101.9	101.9	8.7	(2)	-	9	-
32310	PRODUCTS OF PURCHASED GLASS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32315	MIRRORS	138.0	138.0	138.0	101.7	101.7	101.7	29.2	28.0	-	29	-
32316	OTHER GLASS PRODUCTS MADE OF PURCHASED GLASS	171.9	171.9	171.9	101.9	101.9	101.9	(3)	(3)	-	-	-
324	CEMENT, HYDRAULIC	110.0	110.0	110.0	98.9	98.9	98.9	94.2	94.6	94	-	-
3241	CEMENT, HYDRAULIC	110.0	110.0	110.0	98.9	98.9	98.9	94.2	94.6	94	-	-
32410	CEMENT HYDRAULIC	110.0	110.0	110.0	98.9	98.9	98.9	94.2	94.6	94	-	-

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 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
325	STRUCTURAL CLAY PRODUCTS	109.2	109.1	109.3	104.0	103.8	104.1	94.3	93.6	94	-	-
3251	BRICK AND STRUCTURAL TILE	107.4	107.5	107.2	108.3	108.5	108.2	94.6	95.2	95	-	-
32510	BRICK AND STRUCTURAL TILE NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32511	BRICK EXCEPT CERAMIC BRICK AND REFRACTORY BRICK	114.0	114.0	113.9	109.3	109.3	109.3	98.5	100.0	99	-	-
32512	GLAZED BRICK AND STRUCTURAL HOLLOW TILE	80.0	79.9	80.0	102.6	102.5	102.6	99.5	100.0	100	-	-
3253	CERAMIC WALL AND FLOOR TILE	123.1	123.0	123.2	92.0	92.0	92.1	99.1	96.8	99	-	-
32530	CLAY FLOOR AND WALL TILE	123.1	123.0	123.2	92.0	92.0	92.1	99.1	96.8	99	-	-
3255	CLAY REFRACTORIES	110.4	110.7	110.1	100.9	101.2	100.6	93.4	94.4	93	-	-
32550	CLAY REFRACTORIES	110.4	110.7	110.1	100.9	101.2	100.6	93.4	94.4	93	-	-
3259	STRUCTURAL CLAY PRODUCTS, NEC	98.2	98.2	98.1	112.4	112.5	112.4	89.7	86.3	90	-	-
32590	STRUCT CLAY PRODS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32591	VITRIFIED CLAY SEWER PIPE AND FITTINGS	105.4	105.4	105.4	112.8	112.8	112.8	100.0	100.0	100	-	-
32592	OTHER STRUCTURAL CLAY PRODUCTS NEC	87.6	87.6	87.5	111.1	111.2	111.1	68.6	64.9	69	-	-
326	POTTERY AND RELATED PRODUCTS	121.5	120.9	122.1	95.4	95.0	95.8	53.1	54.9	40	13	-
3261	VITREOUS PLUMBING FIXTURES	129.9	129.9	129.9	89.9	89.9	89.9	95.3	91.3	95	-	-
32610	VITREOUS AND SEMIVITREOUS PLUMBING FIXTURES AND ACCESSORIES	129.9	129.9	129.9	89.9	89.9	89.9	95.3	91.3	95	-	-
3262	VITREOUS CHINA FOOD UTENSILS	102.0	101.8	102.2	96.8	96.7	97.0	99.2	99.6	99	-	-
32620	VITREOUS CHINA FOOD UTENSILS	102.0	101.8	102.2	96.8	96.7	97.0	99.2	99.6	99	-	-
3263	FINE EARTHENWARE FOOD UTENSILS	100.8	100.8	100.8	108.1	108.1	108.1	97.3	97.4	-	97	-
32630	EARTHENWARE SEMIVITREOUS FOOD UTENSILS	100.8	100.8	100.8	108.1	108.1	108.1	97.3	97.4	-	97	-
3264	PORCELAIN ELECTRICAL SUPPLIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32640	PORCELAIN ELECTRICAL SUPPLIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3269	POTTERY PRODUCTS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32690	POTTERY PRODUCTS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
327	CONCRETE AND PLASTER PRODUCTS	127.6	127.5	127.6	101.5	101.5	101.6	77.0	(2)	72	5	-
3271	CONCRETE BLOCK AND BRICK	122.1	122.1	122.1	102.0	102.0	102.0	93.6	95.1	58	35	-
32710	CONCRETE BLOCK AND BRICK	122.1	122.1	122.1	102.0	102.0	102.0	93.6	95.1	58	35	-
3272	OTHER CONCRETE PRODUCTS	127.7	127.7	127.7	99.8	99.8	99.8	(3)	(3)	-	-	-
32720	CONCRETE PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32721	CONCRETE PIPE	121.3	121.3	121.3	99.8	99.8	99.8	(3)	(3)	-	-	-
32722	PRECAST CONCRETE PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32723	PRESTRESSED CONCRETE PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3273	READY MIXED CONCRETE	133.5	133.5	133.5	100.5	100.5	100.5	100.0	100.0	100	-	-
32730	READY MIXED CONCRETE	133.5	133.5	133.5	100.5	100.5	100.5	100.0	100.0	100	-	-
3274	LIME	122.8	122.9	122.7	110.7	110.5	111.0	96.9	95.3	97	-	-
32740	LIME	122.8	122.9	122.7	110.7	110.5	111.0	96.9	95.3	97	-	-
3275	GYPSON PRODUCTS	112.1	112.0	112.2	104.9	104.8	105.1	93.9	91.1	99	-	-
32750	GYPSON PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32751	GYPSON BUILDING MATERIALS BUILDING PLASTERS ETC	110.9	110.9	110.9	105.4	105.4	105.4	99.7	92.2	100	-	-
32752	OTHER GYPSON PRODUCTS INDUSTRIAL PLASTERS	209.7	209.7	209.7	91.0	91.0	91.0	100.0	100.0	100	-	-
328	CUT STONE AND STONE PRODUCTS	87.7	87.7	87.8	113.9	113.9	114.0	73.0	76.0	73	-	-
3281	CUT STONE AND STONE PRODUCTS	87.7	87.7	87.8	113.9	113.9	114.0	73.0	76.0	73	-	-
32810	CUT STONE AND STONE PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32811	CUT GRANITE AND GRANITE PRODUCTS	92.2	92.2	92.2	108.4	108.4	108.4	71.4	79.7	71	-	-
32812	CUT LIMESTONE PRODUCTS	72.9	73.1	72.7	113.7	114.1	113.4	90.3	82.5	90	-	-
32813	CUT MARBLE AND OTHER CUT STONE PRODUCTS	93.5	93.0	94.1	122.1	121.3	122.7	79.3	82.9	79	-	-
329	NONMETALLIC MINERALS PRODUCTS	129.0	128.3	129.7	101.6	101.2	102.2	52.0	(2)	50	2	-
3291	ABRASIVE PRODUCTS	144.2	143.8	144.5	100.1	99.9	100.3	38.5	(2)	39	-	-
32910	ABRASIVE PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32911	NONMETALLIC ARTIFICIAL SIZED GRAINS POWDERS ETC ABRASIVES	233.3	233.4	233.3	89.0	89.0	89.0	82.1	98.6	82	-	-
32912	NONMETALLIC BONDED ABRASIVE PRODUCTS AND ABRASIVE COMPOUNDS	153.2	153.2	153.2	98.2	98.2	98.2	(3)	(3)	-	-	-
32913	NONMETALLIC COATED ABRASIVE PRODUCTS, WHEELS AND LAPS	125.5	125.7	125.2	110.3	110.5	110.1	76.4	70.7	76	-	-
32914	METAL ABRASIVES INC SCOURING PADS	120.4	120.5	120.4	96.0	96.0	96.0	38.2	40.9	38	-	-
3292	ASBESTOS PRODUCTS	122.6	121.6	123.5	99.0	98.4	99.8	96.8	95.6	97	-	-
32920	ASBESTOS PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32922	ASBESTOS FRICTION MATERIALS	137.0	137.1	136.8	95.2	95.2	95.1	99.6	100.0	100	-	-
32924	ASBESTOS CEMENT SHINGLES AND CLAPBOARD	68.3	68.3	68.3	101.0	101.0	101.0	100.0	100.0	100	-	-
32925	ASPHALT FLOOR TILE	68.1	68.1	68.1	112.8	112.8	112.8	100.0	100.0	100	-	-
32926	VINYL ASBESTOS FLOOR TILE	180.4	180.4	180.4	106.5	106.5	106.5	100.0	100.0	100	-	-
32927	ASBESTOS TEXTILES AND OTHER ASBESTOS PRODUCTS	141.7	140.9	142.4	90.0	89.7	90.4	91.4	89.6	91	-	-
3293	GASKETS AND INSULATIONS	124.2	124.3	124.1	98.0	98.1	97.9	9.9	12.2	10	-	-
32930	STEAM AND OTHER PACKING AND PIPE AND BOILER COVERINGS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32932	GASKETS ALL TYPES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32933	PACKING EXC LEATHER RUBBER & METAL & ASBESTOS INSULATIONS	82.5	82.5	82.5	98.0	98.1	97.9	50.5	42.0	51	-	-
3295	MINERALS, GROUND OR TREATED	84.1	83.2	85.2	110.7	109.4	111.9	33.0	31.5	33	-	-
32950	MINERALS AND EARTHS GROUND OR OTHERWISE TREATED	84.1	83.2	85.2	110.7	109.4	111.9	33.0	31.5	33	-	-
3296	MINERAL WOOL	157.1	155.6	158.7	103.0	102.2	104.2	38.5	42.3	26	12	-
32960	MINERAL WOOL NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
32961	MINERAL WOOL FOR STRUCTURAL INSULATION	132.1	130.3	134.1	113.1	111.8	115.0	59.0	55.0	59	-	-
32962	MINERAL WOOL FOR INOL AND EQUIP INSULATION	177.3	176.3	178.3	95.6	95.1	96.2	30.5	37.5	12	18	-
3297	NONCLAY REFRACTORIES	127.9	128.7	127.1	107.5	108.1	106.8	86.2	92.2	86	-	-
32970	NONCLAY REFRACTORIES	127.9	128.7	127.1	107.5	108.1	106.8	86.2	92.2	86	-	-
3299	NONMETALLIC PRODUCTS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
32990	NONMETALLIC MINERAL PRODUCTS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33	PRIMARY METAL INDUSTRIES	129.5	129.5	129.5	98.9	98.7	99.1	90.2	(2)	83	6	M 1
331	STEEL ROLLING AND FINISHING	127.0	127.3	126.8	97.8	97.8	97.8	96.5	97.6	91	3	M 2
3312	BLAST FURNACES AND STEEL MILLS	127.3	127.6	127.1	98.3	98.3	98.4	97.6	98.3	95	3	-
33120	OTHER STEEL MILL PRODUCTS EXCEPT WIRE PRODUCTS	102.2	100.9	103.5	102.0	100.6	103.3	88.3	87.6	88	-	-
33121	COKE OVEN, BLAST FURNACE, AND ELECTROMETALLURGICAL PRODUCTS	121.3	121.6	121.0	90.0	90.2	89.6	88.7	93.7	83	-	M 5
33122	STEEL INGOT AND SEMIFINISHED SHAPES	130.5	130.9	130.1	99.6	99.8	99.5	99.4	99.5	99	-	-
33123	HOT ROLLED SHEET AND STRIP INCLUDING TIN MILL PRODUCTS	126.5	126.5	126.6	100.7	100.6	100.7	100.0	98.9	100	-	M 5
33124	HOT ROLLED BARS & BAR SHAPES, PLATES, STRUCT SHAPES, ETC	128.5	128.5	128.6	98.0	98.0	97.9	100.0	99.9	100	-	-
33125	STEEL WIRE	110.1	110.1	110.1	99.4	99.4	99.3	94.9	98.6	95	-	-
33126	STEEL PIPE AND TUBE	111.1	110.3	112.0	95.9	95.3	96.7	94.9	97.0	77	18	-
33127	COLD ROLLED STEEL SHEET AND STRIP	139.8	139.8	139.8	100.2	100.1	100.3	97.4	98.7	97	-	-
33129	OPEN DIE OR SMITH FORGINGS MADE IN STEEL MILLS	113.5	113.6	113.5	88.9	89.0	88.9	92.9	100.0	-	93	-
3313	ELECTROMETALLURGICAL PRODUCTS	114.7	116.2	113.7	74.4	75.2	73.5	80.6	90.5	-	-	M 81
33130	ELECTRIC FURNACE FERROALLOYS AND OTHER ADDITIVES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33131	FERROMANGANESE	73.6	73.6	73.6	62.3	62.3	62.3	100.0	100.0	-	-	M 100
33132	FERROCHROME	103.2	103.2	103.2	61.6	61.6	61.6	100.0	100.0	-	-	M 100
33133	FERROSILICON	153.3	153.3	153.3	99.6	99.6	99.6	100.0	100.0	-	-	M 100
33134	OTHER FERROALLOYS	106.8	102.9	110.3	89.9	88.1	92.3	100.0	100.0	-	-	M 100
3315	STEEL WIRE DRAWING, ETC.	113.4	112.7	114.0	99.7	99.1	100.2	72.0	82.4	44	28	-
33150	STEEL WIRE DRAWING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33151	NONINSULATED FERROUS WIRE, ROPE, ETC. MADE IN STEEL MILLS	107.3	107.3	107.3	100.0	100.0	100.0	96.3	100.0	-	96	-
33152	STEEL NAILS AND SPIKES	95.6	95.7	95.6	99.9	100.0	99.9	62.8	71.1	28	35	-
33156	FENCING AND FENCE GATES MADE IN STEEL MILLS	118.6	118.1	119.1	102.4	101.9	102.8	48.2	73.5	48	-	-
33157	WIRE CLOTH AND OTHER WOVEN WIRE PROD MADE IN STEEL MILLS	90.0	90.0	90.0	104.1	104.1	104.2	45.6	40.1	23	23	-
33159	OTHER FABRICATED FERROUS WIRE PROD MADE IN STEEL MILLS	129.7	128.2	131.3	98.4	97.3	99.7	85.7	98.0	86	-	-
3316	COLD FINISHING OF STEEL SHAPES	139.1	139.2	139.0	100.6	100.6	100.5	99.0	97.8	99	-	-
33168	COLD FINISHED STEEL BARS AND BAR SHAPES	139.1	139.2	139.0	100.6	100.6	100.5	99.0	97.8	99	-	-
332	IRON AND STEEL FOUNDRIES	134.2	134.1	134.3	103.7	103.6	103.8	97.7	98.1	98	-	-
3321	GRAY IRON FOUNDRIES	131.3	131.2	131.4	104.6	104.5	104.7	100.0	100.0	100	-	-
33211	MOLDS FOR HEAVY STEEL INGOTS	141.0	141.0	141.0	90.2	90.2	90.1	100.0	100.0	100	-	-
33212	CAST IRON PRESSURE PIPE AND FITTINGS	131.9	131.9	131.9	89.2	89.2	89.1	100.0	100.0	100	-	-
33213	CAST IRON SOIL PIPE AND FITTINGS	125.9	125.9	125.9	100.9	100.9	100.9	100.0	100.0	100	-	-
33214	ALL OTHER GRAY-IRON CASTINGS	130.5	130.5	130.5	110.3	110.3	110.4	100.0	100.0	100	-	-
3322	MALLEABLE IRON FOUNDRIES	148.4	148.4	148.4	104.0	104.0	104.0	99.6	98.8	97	-	-
33220	MALLEABLE IRON CASTINGS	148.4	148.4	148.4	104.0	104.0	104.0	99.6	98.8	97	-	-
3323	STEEL FOUNDRIES	137.0	136.9	137.1	101.2	101.1	101.3	91.2	93.3	91	-	-
33230	STEEL CASTINGS	137.0	136.9	137.1	101.2	101.1	101.3	91.2	93.3	91	-	-
333	PRIMARY NONFERROUS METAL	124.1	122.9	125.3	100.1	99.1	101.4	99.4	99.6	93	4	M 2
3331	PRIMARY COPPER	123.9	122.4	125.7	111.2	109.1	113.9	98.5	99.0	99	-	-
33311	COPPER SMELTER PRODUCTS	134.9	134.9	134.9	106.5	106.5	106.5	97.8	98.2	98	-	-
33312	REFINED COPPER MADE BY PRIMARY COPPER REFINERS	116.6	114.6	119.1	117.8	113.2	123.0	99.6	100.0	100	-	-
3332	PRIMARY LEAD	81.6	81.7	81.5	94.0	93.9	94.0	99.6	99.4	100	-	-
33321	LEAD SMELTER PRODUCTS	69.0	69.0	69.0	91.8	91.8	91.8	100.0	100.0	100	-	-
33323	REFINED LEAD AND UNALLOYED AND TIN-BASE ALLOYS	99.9	99.7	100.1	96.5	96.2	96.7	99.1	98.7	99	-	-
3333	PRIMARY ZINC	127.3	125.9	128.9	111.6	110.4	113.3	100.0	100.0	100	-	-
33331	ZINC RESIDUES AND OTHER ZINC SMELTER PRODUCTS	109.2	109.2	109.2	116.5	116.5	116.5	100.0	100.0	100	-	-
33334	REFINED PRIMARY ZINC PRODUCTS	130.1	128.6	131.8	110.9	109.5	112.8	100.0	100.0	100	-	-
3334	PRIMARY ALUMINUM	145.1	145.1	145.1	90.2	90.2	90.2	100.0	100.0	100	-	-
33347	ALUMINUM INGOT	145.4	145.4	145.4	90.2	90.2	90.2	100.0	100.0	100	-	-
33348	ALUMINUM EXTENSION BILLET	143.5	143.5	143.5	90.2	90.2	90.2	100.0	100.0	100	-	-
3339	PRIMARY NONFERROUS METALS, NEC	121.5	118.5	124.4	98.5	96.6	100.9	100.0	99.5	9	60	M 31
33390	PRIMARY NONFERROUS METALS, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33397	OTHER NONFERROUS METALS, SMELTED OR REFINED	122.1	119.1	125.0	98.5	96.6	100.9	100.0	100.0	9	60	M 31
334	SECONDARY NONFERROUS METALS	120.9	119.8	122.0	107.4	107.0	107.9	96.5	96.4	72	25	-
3341	SECONDARY NONFERROUS METALS	120.9	119.8	122.0	107.4	107.0	107.9	96.5	96.4	72	25	-
33410	SECONDARY SMELTING, REFINING, ETC. OF NONFERROUS METALS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33412	SECONDARY REFINED COPPER	103.4	103.6	103.1	120.3	120.5	120.1	99.4	100.0	99	-	-
33413	SECONDARY REFINED LEAD	118.7	117.9	119.5	95.7	95.2	96.2	97.6	97.1	98	-	-
33414	SECONDARY REFINED ZINC	103.7	103.8	103.6	91.5	91.6	91.4	88.1	100.0	88	-	-
33415	PRECIOUS METALS	103.2	103.2	103.2	120.3	120.3	120.3	100.0	100.0	-	100	-
33417	SECONDARY ALUMINUM INGOT	172.8	172.8	172.8	96.5	96.5	96.5	100.0	100.0	100	-	-
33418	SECONDARY ALUMINUM EXTENSION BILLET	311.6	311.6	311.6	93.7	93.7	93.7	100.0	100.0	100	-	-
335	NONFERROUS ROLLING AND DRAWING	142.2	141.9	142.6	98.7	98.5	99.0	86.8	(2)	54	33	-
3351	COPPER ROLLING AND DRAWING	147.4	147.2	147.7	101.2	101.1	101.4	99.8	99.7	100	-	-
33511	COPPER & COP-BASE ALLOY WIRE FOR PURPOSES OTHER THAN ELECTRICAL TRANS	149.7	149.7	149.7	102.1	102.1	102.1	100.0	100.0	100	-	-
33512	ROLLED, DRAWN, & EXTRUDED COPPER & COP-BASE ALLOY MILL PRODUCTS	147.3	147.1	147.6	101.2	101.1	101.4	99.8	99.7	100	-	-

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 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
3352	ALUMINUM ROLLING AND DRAWING	150.5	150.3	150.7	90.4	90.3	90.5	95.6	96.0	76	20	-
33520	ALUMINUM-BASE ALLOYS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33521	ALUMINUM AND ALUM-BASE ALLOY WIRE AND CABLE MADE IN IND 3352	139.7	139.7	139.7	86.9	86.9	86.9	100.0	100.0	-	100	-
33522	ALUMINUM PLATE AND SHEET INCLUDING FOIL STOCK	164.2	163.8	164.6	90.6	90.4	90.8	99.8	99.5	63	37	-
33523	PLAIN ALUMINUM FOIL	101.2	101.2	101.2	91.0	91.0	91.0	100.0	100.0	100	-	-
33524	ROLLED ALUM ROD, BAR INCL CONTIN CAST AND STRUCTURAL SHAPES	146.6	146.7	146.5	89.6	89.7	89.5	99.9	100.0	100	-	-
33525	EXTRUDED ALUMINUM ROD AND BAR AND OTHER EXTRUDED SHAPES	161.6	161.6	161.6	90.4	90.4	90.4	99.5	99.5	100	-	-
33526	ALUMINUM TUBE AND OTHER ROLLED, DRAWN, OR EXTRUDED MILL PROD	175.4	175.4	175.4	88.6	88.6	88.6	53.1	56.6	53	-	-
33527	ALUMINUM INGOT	104.5	104.5	104.5	92.1	92.1	92.1	100.0	100.0	100	-	-
33528	ALUMINUM EXTRUSION BILLET MADE IN 3352	104.5	104.5	104.5	92.1	92.1	92.1	100.0	100.0	100	-	-
3356	ROLLING AND DRAWING, NEC	138.9	138.9	138.8	106.8	106.8	106.7	70.3	68.1	38	32	-
33560	ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METAL PRODS	138.9	138.9	138.8	106.8	106.8	106.7	70.3	68.1	38	32	-
3357	NONFERROUS WIRE DRAWING, ETC	131.8	131.6	131.9	103.2	103.1	103.4	19.0	(2)	5	12	-
33570	DRAWN AND INSULATED NONFERROUS WIRE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33571	ALUM AND ALUMINUM-BASE ALLOY WIRE AND CABLE MADE IN IND 3357	153.5	155.0	152.3	85.7	86.3	84.8	100.0	100.0	28	72	-
33572	COPPER AND COP-BASE ALLOY WIRE BARE & TINNEO, FOR ELFC TRANS	136.7	136.0	137.6	114.3	113.8	115.1	96.8	96.8	25	74	-
33573	OTHER NONFERROUS METAL WIRE MADE IN NONFERROUS WIRE PLANTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33574	COMMUNICATION WIRE AND CABLE	155.8	155.8	155.8	102.2	102.2	102.2	(3)	(3)	-	-	-
33575	NONFERROUS WIRE CLOTH AND OTH WOVEN WIRE PRODS MADE IN 3357	254.7	270.1	242.6	85.1	87.7	78.8	94.8	93.9	95	-	-
33576	APPLIANCE WIRE AND CORO & FLEXIBLE CORO SET MADE IN IND 3357	151.6	151.6	151.6	101.3	101.3	101.3	(3)	(3)	-	-	-
33577	MAGNET WIRE	132.1	132.1	132.1	106.6	106.6	106.6	(3)	(3)	-	-	-
33578	POWER WIRE AND CABLE	115.8	115.8	115.8	97.0	97.0	97.0	(3)	(3)	-	-	-
33579	OTHER INSULATED WIRE AND CABLE, NEC	106.9	106.9	106.9	105.0	105.0	105.0	(3)	(3)	-	-	-
336	NONFERROUS FOUNDRIES	146.5	144.7	148.3	96.5	95.6	98.0	81.0	77.6	81	-	-
3361	ALUMINUM CASTINGS	166.6	165.1	168.0	91.0	90.4	92.0	88.3	82.3	88	-	-
33610	ALUMINUM CASTINGS	166.6	165.1	168.0	91.0	90.4	92.0	88.3	82.3	88	-	-
3362	BRASS, BRONZE, COPPER CASTINGS	125.6	125.3	125.9	107.1	106.9	107.4	71.1	71.0	71	-	-
33620	BRASS, BRONZE, COPPER CASTINGS	125.6	125.3	125.9	107.1	106.9	107.4	71.1	71.0	71	-	-
3369	NONFERROUS CASTINGS, NEC	131.6	130.6	132.6	99.7	99.1	100.6	76.1	76.0	76	-	-
33690	NONFERROUS CASTINGS, NEC	131.6	130.6	132.6	99.7	99.1	100.6	76.1	76.0	81	-	-
339	PRIMARY METAL INDUSTRIES, NEC	153.9	153.4	154.3	97.6	97.4	98.0	75.3	76.9	65	10	-
3391	IRON AND STEEL FORGINGS	145.0	144.6	145.4	99.2	99.0	99.6	91.2	91.1	77	15	-
33910	IRON AND STEEL FORGINGS, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33911	DROP, UPSET, AND PRESS STEEL FORGINGS CLOSED DIE	136.7	136.7	136.7	101.5	101.4	101.5	98.4	96.9	98	-	-
33919	OPEN DIE OR SMITH FORGINGS EXC THAT PRODUCED IN STEEL MILLS	193.4	193.4	193.4	88.0	88.0	88.0	71.5	74.2	-	72	-
3392	NONFERROUS FORGINGS	169.0	171.1	167.2	89.2	89.9	87.9	72.7	67.1	73	-	-
33920	NONFERROUS FORGINGS	169.0	171.1	167.2	89.2	89.9	87.9	72.7	67.1	73	-	-
3399	PRIMARY METAL INDUSTRIES, NEC	188.1	187.3	188.9	94.7	94.4	95.2	20.8	22.7	21	-	-
33990	PRIMARY METAL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
33991	METAL POWDERS AND PASTE	201.3	201.1	201.5	96.3	96.2	96.4	48.0	58.3	48	-	-
33992	NONFERROUS NAILS, BRADS, TACKS, AND STAPLES	570.9	571.0	570.8	77.4	77.4	77.4	49.5	100.0	50	-	-
33996	HEAT TREATING OF STEEL FOR THE TRADE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34	FABRICATED METAL PRODUCTS	121.6	121.5	121.7	100.5	100.4	100.6	48.7	(2)	34	15	-
341	METAL CANS	108.7	108.7	108.7	104.5	104.5	104.5	96.5	99.6	97	-	-
3411	METAL CANS	108.7	108.7	108.7	104.5	104.5	104.5	96.5	99.6	97	-	-
34110	METAL CANS	108.7	108.7	108.7	104.5	104.5	104.5	96.5	99.6	97	-	-
342	CUTLERY, HANDTOOLS, HARDWARE	130.5	130.3	130.7	102.3	102.2	102.5	24.0	(2)	5	19	-
3421	CUTLERY	145.3	144.6	146.2	107.7	107.2	108.4	74.6	67.7	6	69	-
34210	CUTLERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34211	CUTLERY, SCISSORS, SHEARS, TRIMMERS, AND SNIPS	100.8	100.8	100.7	116.1	116.2	116.1	33.3	37.5	17	16	-
34212	RAZOR BLADES AND RAZORS, EX ELECTRIC	186.9	186.9	186.9	105.7	105.7	105.7	100.0	100.0	-	100	-
3423	HAND AND EDGE TOOLS	111.3	111.0	111.7	108.7	108.4	109.0	36.9	(2)	23	14	-
34230	HAND AND EDGE TOOLS, EXCEPT MACHINE TOOLS AND HAND SAWS, NEC	142.4	142.4	142.4	110.1	110.1	110.1	(3)	(3)	-	-	-
34231	MECHANICS HAND SERVICE TOOLS	123.4	123.1	123.8	108.5	108.2	108.8	47.2	49.1	32	16	-
34232	EDGE TOOLS	103.9	104.0	103.8	104.0	104.1	103.9	17.2	18.9	5	12	-
34233	FILES, RASPS, AND FILE ACCESSORIES AND OTHER HAND TOOLS	98.9	98.4	99.5	110.0	109.4	110.6	37.7	39.3	23	15	-
3425	HAND SAWS AND SAW BLADES	103.0	103.0	103.0	106.8	106.8	106.8	14.5	15.4	-	15	-
34250	HANDSAWS AND SAW BLADES	103.0	103.0	103.0	106.8	106.8	106.8	14.5	15.4	-	15	-
3429	HARDWARE, NEC	135.7	135.7	135.6	100.6	100.6	100.5	13.6	(2)	-	14	-
34290	HARDWARE, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34291	TRANSPORTATION EQUIPMENT HARDWARE	163.1	163.1	163.1	101.1	101.1	101.1	(3)	(3)	-	-	-
34292	FURNITURE HARDWARE	121.9	121.9	121.9	101.1	101.1	101.1	(3)	(3)	-	-	-
34293	VACUUM BOTTLES AND JUGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34294	BUILDERS HARDWARE	117.5	117.4	117.7	102.4	102.2	102.5	48.9	45.4	-	49	-
34295	OTHER HARDWARE	116.7	116.7	116.7	97.5	97.5	97.5	(3)	(3)	-	-	-
343	PLUMBING AND HEATING, EXCEPT ELECTRIC	116.6	115.8	117.3	95.5	94.9	96.1	56.9	61.0	49	8	-
3431	METAL PLUMBING FIXTURES	116.1	115.8	116.3	97.4	97.2	97.6	84.0	78.3	-	84	-
34310	METAL PLUMBING FIXTURES	116.1	115.8	116.3	97.4	97.2	97.6	84.0	78.3	-	84	-
3432	PLUMBING FITTINGS, BRASS GOODS	119.6	119.1	120.0	106.2	105.8	106.6	43.3	47.1	37	6	-
34320	PLUMBING FITTINGS FITTINGS AND TRIM, BRASS GOODS	119.6	119.1	120.0	106.2	105.8	106.6	43.3	47.1	37	6	-

Standard Notes: - Zero, that is, no direct product representation.  
 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
 T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC	114.9	113.8	116.0	92.3	91.5	93.2	55.6	61.6	46	10	-
34330	Nonelectric heating equipment, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34331	Oil burners, sold separately	97.2	97.5	96.9	92.7	93.0	92.4	82.6	79.9	83	-	-
34332	Warm air furnaces	107.0	105.6	108.1	82.3	81.3	83.3	96.6	96.4	97	-	-
34333	Connectors and cast iron heating boilers and radiators	113.2	112.8	113.6	100.9	100.6	101.3	67.8	70.3	21	47	-
34334	Domestic heating stoves, complete except electric	98.4	98.2	98.5	104.8	104.7	105.0	98.0	98.9	69	29	-
34335	Steel heating boilers 15 psi and under or equivalent	126.7	126.7	126.7	88.2	88.2	88.2	52.6	45.2	53	-	-
34336	Other heating equipment, except electric, including parts	112.8	112.6	113.1	105.0	104.7	105.1	18.5	26.0	19	-	-
344	STRUCTURAL METAL PRODUCTS	113.2	113.1	113.2	96.8	96.7	96.8	51.8	(2)	32	20	-
3441	Fabricated structural steel	100.9	100.9	101.0	99.2	99.2	99.3	81.3	80.9	58	24	-
34410	Structural and ornamental products, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34411	Fabricated structural iron and steel for buildings	106.8	106.7	106.9	99.0	99.0	99.2	92.5	86.9	68	25	-
34412	Fabricated structural iron and steel for bridges	78.9	79.8	77.8	101.9	103.4	100.8	94.0	100.0	33	61	-
34413	Other fabricated structural iron and steel	113.4	112.2	114.6	96.7	95.7	97.7	63.6	79.2	64	-	-
3442	Metal doors, sash, and trim	123.3	123.2	123.3	94.2	94.1	94.2	51.7	51.8	42	10	-
34420	Metal doors, sash, frames, molding, and trim, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34421	Metal doors and frames	151.7	152.0	151.3	99.3	99.5	99.0	88.1	90.4	88	-	-
34422	Metal window sash and frames	121.5	119.8	123.0	89.0	88.0	90.3	28.4	26.2	28	-	-
34423	Metal molding and trim, and store fronts	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34424	Metal storm sash and comb screen and storm sash and doors	108.4	108.3	108.5	88.7	88.6	88.7	78.6	77.5	31	48	-
34425	Metal window and door screens exc comb and metal weather strip	87.3	87.0	87.6	100.5	100.2	100.8	95.1	100.0	95	-	-
3443	Boiler shop products	100.7	101.1	100.4	96.4	96.8	96.1	54.0	(2)	29	25	-
34430	Boiler shop products, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34431	Heat exchangers and steam condensers	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34432	Fabricated steel plate	108.1	108.4	107.8	99.3	99.5	99.0	76.5	77.8	19	57	-
34433	Steel power boilers, parts, and attachments	94.8	95.1	94.4	87.8	88.1	87.5	69.4	72.4	69	-	-
34434	Gas cylinders	119.2	119.2	119.2	94.2	94.2	94.2	(3)	(3)	-	-	-
34435	Metal tanks complete at factory standard line and pressure	82.4	82.4	82.4	95.7	95.7	95.7	43.9	31.9	7	44	-
34437	Metal tanks complete at factory standard line nonpressure	102.8	103.0	102.7	103.7	103.8	103.6	72.8	73.5	46	27	-
34438	Metal tanks and vessels, custom fabricated at the factory	129.2	128.9	127.5	100.3	100.8	99.7	60.9	65.6	30	31	-
34439	Metal tanks and vessels custom fabricated and field erected	80.7	80.2	81.3	105.9	105.1	106.5	53.9	51.8	13	41	-
3444	SHEET METAL WORK	132.4	132.1	132.7	98.4	98.3	98.7	12.8	10.7	13	-	-
34440	Sheet metal work, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34441	Sheet metal roofing and siding and roof drainage equipment	167.3	167.0	167.7	98.4	98.3	98.7	54.8	57.9	55	-	-
34442	Culverts, flumes, irrigation pipes	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34443	Other sheet metal work	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3446	ARCHITECTURAL METAL WORK	93.2	92.9	93.5	98.7	98.4	99.0	33.1	33.0	33	-	-
34460	Architectural and ornamental work	93.2	92.9	93.5	98.7	98.4	99.0	33.1	33.0	33	-	-
3449	MISCELLANEOUS METAL WORK, NEC	142.0	141.7	142.4	92.7	92.5	92.9	60.1	67.4	3	57	-
34490	Misc metal work NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34492	Prefabricated and portable metal buildings and parts	129.0	128.4	129.6	89.3	88.8	89.6	16.0	38.6	10	6	-
34493	Miscellaneous metal building materials	133.3	132.7	134.0	93.2	92.8	93.7	87.0	81.2	87	-	-
345	SCREW MACHINE PRODUCTS, BOLTS, ETC.	138.8	137.8	139.9	101.9	101.2	102.7	37.5	42.2	38	-	-
3451	SCREW MACHINE PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34510	Screw machine products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3452	BOLTS, NUTS, WASHERS, AND RIVETS	139.7	138.7	140.8	101.9	101.2	102.7	56.3	63.8	56	-	-
34520	Bolts, nuts, washers, and rivets, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34521	Bolts, nuts, screws, etc. standard types only	123.5	122.6	124.4	101.9	101.2	102.7	79.6	79.6	80	-	-
34522	Special industrial fasteners other than standard type	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34523	Head products (prod by H-C heading) other than inous fasteners	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
346	METAL STAMPINGS	124.2	124.1	124.3	101.7	101.6	101.7	45.0	(2)	9	36	-
3461	METAL STAMPINGS	124.2	124.1	124.3	101.7	101.6	101.7	45.0	(2)	9	36	-
34610	Metal stampings, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34611	Vitreous enameled products	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34612	Job stampings, except automotive	127.0	127.0	127.0	103.2	103.2	103.2	(3)	(3)	-	-	-
34613	Automotive stampings	153.4	153.4	153.4	99.9	99.9	99.9	100.0	100.0	-	100	-
34614	Stamped and spun hosp utensils, and cooking utensils, alum	83.8	83.8	83.8	103.2	103.2	103.2	(3)	(3)	-	-	-
34615	Stamped and spun hosp and cooking utensils, exc aluminum	118.2	118.2	118.2	103.2	103.2	103.2	(3)	(3)	-	-	-
34616	Metal commercial closures, except crowns	108.4	108.6	108.2	102.5	102.7	102.3	86.6	83.6	87	-	-
34617	Metal crowns for glass and metal containers	102.5	102.5	102.5	98.7	98.7	98.7	100.0	100.0	100	-	-
34618	Other stamped pressed metal end products	103.0	103.5	102.6	102.5	103.0	102.1	21.3	23.2	6	15	-
347	METAL SERVICES, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3471	PLATING AND POLISHING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34710	Electroplating, plating and polishing	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3479	METAL COATING, ENGRAVING, ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34790	Metal coating and engraving, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
348	FABRICATED WIRE PRODUCTS, NFC	117.5	116.8	118.2	101.5	101.0	102.2	61.7	60.7	42	19	S 1
3481	Fabricated wire products, NEC	117.5	116.8	118.2	101.5	101.0	102.2	61.7	60.7	42	19	S 1
34810	Miscellaneous fabricated wire products, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34811	Noninsulated ferr wire, etc. not made by wire drawers	123.4	123.4	123.4	103.8	103.8	103.8	74.4	76.5	74	-	-
34812	Precision mechanical springs	141.0	141.0	141.0	97.6	97.6	97.6	100.0	100.0	-	100	-
34813	Other wire springs	124.6	122.9	126.4	102.1	100.9	103.8	50.9	45.1	51	-	-
34814	Ferrous wire cloth etc not made by wire drawers	64.1	64.2	64.0	105.5	105.7	105.4	56.1	46.1	56	-	-
34815	Nonferrous wire cloth etc not made by wire drawers	93.2	92.2	94.3	102.7	101.6	103.9	94.4	90.8	94	-	-
34816	Fencing and fence gates not made by wire drawers	103.3	103.3	103.4	100.1	100.1	100.1	95.1	85.6	3	80	S 12
34819	Other fabricated ferrous wire prod not made by wire drawers	115.0	114.6	115.4	103.1	102.8	103.5	50.5	53.0	51	-	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used:  
T Tariff Commission. S Special - see numbered footnote for further explanation.

H National

**Appendix A. Production and Unit Value Indexes for Products Produced by  
All Manufacturing Establishments--Continued**

A-23

**Part 1. 1958-1963**

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
349	FABRICATED METAL PRODUCTS, NEC	136.4	136.3	136.4	102.3	102.3	102.4	44.2	(2)	38	6	-
3491	METAL BARRELS, DRUMS, AND PAILS	122.1	122.2	122.1	100.2	100.2	100.2	99.3	99.4	27	72	-
34910	METAL BARRELS, DRUMS, AND PAILS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34911	STEEL SHIPPING PACKAGES, KEGS, AND PAILS, 12 GAL CAP & UNDER	109.6	109.6	109.6	99.2	99.2	99.2	100.0	100.0	100	-	-
34912	STEEL SHIPPING BARRELS AND DRUMS, OVER 12 GAL CAP, EX BEER	117.3	117.3	117.3	100.5	100.5	100.5	100.0	100.0	-	100	-
34913	ALL OTHER METAL BARRELS, INC BEER BARRELS	240.6	240.1	241.2	101.2	101.1	101.5	100.0	100.0	-	100	-
3492	SAFES AND VAULTS	115.3	115.3	115.3	114.1	114.1	114.1	9.3	9.4	9	-	-
34920	SAFES AND VAULTS	115.3	115.3	115.3	114.1	114.1	114.1	9.3	9.4	9	-	-
3493	STEEL SPRINGS	143.6	143.6	143.5	107.4	107.4	107.4	83.4	76.8	83	-	-
34930	STEEL SPRINGS	143.6	143.6	143.5	107.4	107.4	107.4	83.4	76.8	83	-	-
3494	VALVES AND PIPE FITTINGS	122.5	122.4	122.5	104.3	104.3	104.4	68.2	66.1	48	20	-
34940	VALVES AND FITTINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34941	METAL VALVES FOR PIPING SYSTEMS, EX PLUMB AND HEAT VALVES	114.2	114.2	114.3	107.3	107.2	107.3	56.4	59.5	56	-	-
34942	METAL FITTINGS AND UNIONS, EXC COMPRESSION FITTINGS, ETC	112.0	111.7	112.4	100.5	100.2	100.9	77.2	71.0	77	-	-
34943	PLUMBING AND HEATING VALVES AND SPECIALTIES, EX PLUMBERS	103.1	103.1	103.1	97.8	97.8	97.8	27.6	43.9	28	-	-
34944	OTHER METAL VALVES AND FITTINGS, EXC PLUMBERS' BRASS GOODS	189.3	189.3	189.3	105.7	105.7	105.7	(3)	(3)	-	-	-
3496	COLLAPSIBLE TUBES	117.5	117.4	117.6	101.2	101.2	101.3	97.0	93.3	97	-	-
34960	COLLAPSIBLE TUBES	117.5	117.4	117.6	101.2	101.2	101.3	97.0	93.3	97	-	-
3497	METAL FOIL AND LEAF	230.2	231.2	229.3	98.7	98.9	98.1	86.2	83.5	86	-	-
34970	METAL FOIL AND LEAF	230.2	231.2	229.3	98.7	98.9	98.1	86.2	83.5	86	-	-
3498	FABRICATED PIPE AND FITTINGS	109.7	109.7	109.7	98.4	98.4	98.4	(3)	(3)	-	-	-
34980	FABRICATED PIPE AND FITTINGS	109.7	109.7	109.7	98.4	98.4	98.4	(3)	(3)	-	-	-
3499	FABRICATED METAL PRODUCTS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
34990	FABRICATED METAL PRODUCTS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	135.8	134.9	136.8	98.0	97.4	98.8	50.1	52.5	19	19	11
351	ENGINES AND TURBINES	120.5	120.0	120.9	84.7	84.5	85.0	63.9	69.2	54	10	-
3511	STEAM ENGINES AND TURBINES <sup>12</sup>	107.4	107.2	107.6	72.7	72.6	72.9	59.2	72.4	59	-	-
35111	STEAM, GAS & HYDRAULIC TURBINE GENERATOR SET UNITS AND PARTS	104.8	104.8	104.8	74.4	74.4	74.4	64.0	78.0	64	-	-
35112	STEAM, GAS, & HYDRAULIC TURB & PARTS, STEAM ENGINES AND PARTS	120.8	120.2	121.2	65.2	64.9	65.5	43.7	53.7	44	-	-
3519	INTERNAL COMBUSTION ENGINES	126.8	124.7	128.7	91.5	90.0	93.4	65.8	67.2	52	14	-
35190	INTERNAL COMBUSTION ENGINES NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35191	GASOLINE ENGINES	105.0	104.6	105.5	98.5	98.2	98.9	99.0	99.9	97	2	-
35192	DIESEL ENGINES	153.9	148.6	158.7	87.4	85.4	90.8	98.6	100.0	99	-	-
35193	GAS ENGINES	62.7	66.6	60.3	62.6	62.8	62.4	100.0	100.0	100	-	-
35196	OTHER INTERNAL COMBUSTION ENGINES	100.7	100.7	100.7	96.6	96.6	96.6	100.0	100.0	-	100	-
35197	PARTS AND ACCESSORIES FOR INTERNAL COMBUSTION ENGINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
352	FARM MACHINERY AND EQUIPMENT	115.5	115.4	115.5	101.3	101.3	101.4	100.0	100.0	11	-	\$ 89
3522	FARM MACHINERY AND EQUIPMENT <sup>13</sup>	115.5	115.4	115.5	101.3	101.3	101.4	100.0	100.0	11	-	\$ 100
35222	WHEEL TRACTORS AND PARTS	114.8	114.8	114.8	102.5	102.5	102.5	100.0	100.0	-	-	\$ 100
35223	PLANTING, SEEDING AND FERTILIZING MACHINERY AND PARTS	115.6	115.6	115.6	104.3	104.3	104.3	100.0	100.0	-	-	\$ 100
35224	PLOWS, LISTERS, HARROWS, ROLLERS, PULVERIZERS, ETC	115.6	115.6	115.6	103.9	103.9	103.9	100.0	100.0	-	-	\$ 100
35225	HARVESTING MACHINERY AND PARTS	121.0	121.0	121.0	101.6	101.6	101.6	100.0	100.0	-	-	\$ 100
35226	HAYING MACHINERY AND PARTS	70.9	70.9	70.9	103.4	103.4	103.4	100.0	100.0	-	-	\$ 100
35227	LAWN MOWERS INCLUDING PARTS AND ATTACHMENTS	118.7	118.7	118.7	94.4	94.4	94.4	100.0	100.0	-	100	-
35228	PART ONE OF ALL OTHER FARM MACHINES AND EQUIPMENT	122.4	122.4	122.4	100.8	100.8	100.8	100.0	100.0	-	-	\$ 100
35229	PART TWO OF ALL OTHER FARM MACHINES AND EQUIPMENT	204.3	204.3	204.3	100.8	100.8	100.8	100.0	100.0	-	-	100
353	CONSTRUCTION MACHINERY AND EQUIPMENT	129.6	129.3	129.8	101.8	101.6	102.0	60.6	61.3	20	20	\$ 20
3531	CONSTRUCTION MACHINERY <sup>14</sup>	128.6	128.4	128.9	103.0	102.8	103.2	64.1	62.8	12	14	\$ 38
35310	CONSTRUCTION MACHINERY, NSK	103.7	103.7	103.7	99.8	99.8	99.8	100.0	100.0	-	-	\$ 100
35311	WHEEL TRACTORS, CONTRACTORS OFF-HIGHWAY TYPE	111.7	111.7	111.7	102.2	102.2	102.2	89.5	95.0	-	90	-
35312	TRACKLAYING TRACTORS WHEEL TRACTORS, NSK	107.8	107.8	107.8	102.4	102.4	102.5	84.6	79.3	-	-	\$ 85
35313	PARTS AND ATTACHMENTS FOR TRACKLAYING AND WHEEL TRACTORS	109.8	109.8	109.8	101.3	101.3	101.3	71.7	77.0	-	-	\$ 72
35314	POWER CRANES, DRAGLINES AND SHOVELS	124.8	124.7	125.0	103.1	103.0	103.2	54.7	55.9	29	26	-
35316	MIXERS, PAVERS, AND RELATED EQUIPMENT, EXCLUDING PARTS	119.8	119.4	120.3	108.1	107.7	108.5	61.1	73.4	23	38	-
35317	TRACTOR SHOVEL LOADERS, INTEGRAL UNITS ONLY	264.8	264.1	265.6	102.4	102.2	102.8	95.3	100.0	-	-	\$ 95
35318	SCRAPERS, GRADERS, ROLLERS AND OFF-HIGHWAY TRUCKS, TRAILERS	138.7	138.3	139.3	106.1	105.7	106.5	63.3	66.3	20	21	\$ 22
35319	OTHER CONSTRUCTION MACHINERY AND EQUIPMENT, INC. PARTS	113.8	112.1	115.4	96.3	95.1	97.9	15.6	14.8	16	-	-
3532	MINING MACHINERY AND EQUIPMENT EXCEPT OIL FIELD	111.5	112.1	110.9	107.2	107.7	106.6	34.0	36.1	12	22	-
35321	UNDERGROUND MINING MACHINERY AND EQUIPMENT	104.3	104.6	103.9	109.2	109.5	108.8	63.3	60.2	37	26	-
35322	CRUSHING, PULVERIZING AND SCREENING MACHINERY	83.2	82.9	83.5	102.8	102.4	103.2	65.3	66.7	19	46	-
35323	ALL OTHER COMPLETE MINING MACHINERY, NSK	157.8	158.7	156.8	112.1	112.6	111.2	69.7	68.0	-	70	-
35324	PARTS AND ATTACH FOR MINING MACH AND EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3533	OILFIELD MACHINES AND EQUIPMENT	116.6	116.0	117.2	99.0	98.5	99.5	52.6	66.7	8	45	-
35330	OILFIELD MACHINES AND TOOLS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35331	ROTARY OIL AND GASFIELD DRILLING MACHINERY AND EQUIPMENT	101.7	101.5	101.8	96.2	96.1	96.4	80.2	88.7	8	72	-
35332	OTHER OIL AND GASFIELD DRILLING MACHINERY AND EQUIPMENT	84.4	84.4	84.4	106.1	106.1	106.1	17.9	43.5	-	18	-
35333	OIL AND GAS FIELD PRODUCTION MACHINERY AND EQUIPMENT	149.9	148.7	151.1	99.4	98.6	100.2	35.4	51.0	-	35	-
35334	OTH OIL AND GAS FIELD MACH AND TOOLS INC WATER WELLS	92.7	91.8	93.7	114.7	113.5	115.8	63.7	63.5	64	-	-
3534	ELEVATORS AND MOVING STAIRWAYS	163.7	164.1	163.3	91.8	92.0	91.5	66.4	62.6	66	-	-
35340	ELEVATORS AND MOVING STAIRWAYS, EXCEPT FARM AND PORTABLE	163.7	164.1	163.3	91.8	92.0	91.5	66.4	62.6	66	-	-
3535	CONVEYORS	114.4	114.4	114.4	108.6	108.6	108.6	59.3	51.6	-	59	-
35350	CONVEYORS AND CONVEYING EQUIPMENT EXCEPT HOISTS, NSK	138.1	138.1	138.1	107.9	107.9	107.9	100.0	100.0	-	100	-
35351	CONVEYORS AND CONVEYING EQUIPMENT, EXCEPT HOISTS	113.0	112.9	113.1	109.2	109.2	109.4	44.8	34.8	-	45	-
35352	PARTS FOR CONVEYORS AND CONVEYING SYSTEMS	113.3	113.3	113.3	107.8	107.8	107.8	100.0	100.0	-	100	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Gross weights	1963 weights	1958 weights	Gross weights	1963 weights	1958 weights					
3536	HOISTS, CRANES, AND MONORAILS	150.6	149.6	151.4	89.9	89.4	90.5	80.1	94.2	80	-	-
35360	HOISTS INDUSTRIAL CRANES AND MONORAIL SYSTEMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35361	HOISTS	186.7	183.8	189.5	94.4	93.3	96.1	81.1	97.8	81	-	-
35362	OVERHEAD TRAVELING CRANES AND MONORAIL SYSTEMS	125.7	125.1	126.3	86.7	86.3	87.2	81.7	92.3	82	-	-
3537	INDUSTRIAL TRUCKS AND TRACTORS	156.7	156.7	156.7	105.8	105.8	105.8	58.0	57.3	51	7	-
35370	INDUSTRIAL TRUCKS TRACTOR TRAILERS AND STACKERS	156.7	156.7	156.7	105.8	105.8	105.8	58.0	57.3	51	7	-
354	METALWORKING MACHINERY	124.7	124.5	125.0	108.7	108.5	108.9	19.2	18.2	11	8	-
3541	METAL-CUTTING MACHINE TOOLS	146.6	146.5	146.7	106.3	106.3	106.4	41.7	46.3	42	-	-
35410	MACHINE TOOLS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35411	BORING MACHINES	124.7	124.7	124.7	105.6	105.6	105.6	100.0	100.0	100	-	-
35412	DRILLING MACHINES	151.6	152.0	151.1	117.9	118.2	117.5	39.9	51.1	40	-	-
35413	GEAR CUTTING AND FINISHING MACHINES	164.0	158.6	169.9	105.1	102.4	109.7	96.6	96.4	97	-	-
35414	GRINDING AND POLISHING MACHINES, EX GEAR TOOTH GRINDING, ETC	147.4	145.0	150.1	106.6	105.1	108.8	44.0	44.6	44	-	-
35415	LATHES	153.5	155.4	151.4	108.2	109.4	106.6	59.1	68.2	59	-	-
35416	MILLING MACHINES	121.3	121.6	121.0	104.0	104.2	103.7	69.2	69.2	69	-	-
35417	OTHER MACHINE TOOLS EXCLUDING HOME WORKSHOP	112.0	115.0	109.2	98.6	100.9	95.8	17.2	15.8	17	-	-
35418	HOME WORKSHOP METALWORKING MACHINE TOOLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35419	REBUILT METAL-CUTTING MACH TOOLS AND PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3542	METAL-FORMING MACHINE TOOLS	137.7	137.3	138.2	111.5	111.2	111.9	9.1	8.7	-	9	-
35420	MACHINE TOOLS, METAL FORMING TYPES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35421	PUNCHING AND SHEARING MACHINES, POWER AND MANUAL	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35422	PRESSES, INCLUDING FORGING PRESSES	164.7	164.6	164.8	108.9	108.8	108.9	12.8	9.8	-	13	-
35423	DOUBLE AND TRIPLE ACTION INCL TGGGLE	104.2	104.2	104.2	113.2	113.2	113.2	31.2	28.6	-	31	-
35424	PARTS FOR METAL FORMING MACH TOOLS & REBUILT METAL FORM MACH	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3544	SPECIAL DIES AND TOOLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35441	SPECIAL DIES AND TOOLS, DIE SETS, JIGS AND FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35442	INDUSTRIAL MOLDS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3545	MACHINE TOOL ACCESSORIES	132.8	132.7	133.0	117.1	117.0	117.3	37.8	39.2	-	38	-
35450	MACHINE TOOL ACCESSORIES AND MEASURING DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35451	SMALL CUTTING TOOLS FOR MACHINES TOOLS AND METALWORKING MACH	129.4	129.3	129.5	119.2	119.1	119.2	54.2	55.1	-	54	-
35452	PRECISION MEASURING TOOLS	145.4	145.2	145.7	99.4	99.2	99.6	28.3	30.2	-	28	-
35453	OTHER ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3548	METALWORKING MACHINERY, NEC	121.2	121.0	121.5	99.8	99.6	100.0	20.8	18.6	13	8	-
35480	METALWORKING MACHINERY, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35481	ROLLING MILL MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35482	POWER-DRIVEN HAND TOOLS, INCLUDING PARTS AND ATTACHMENTS	169.6	169.3	169.9	89.6	89.4	89.7	19.6	25.9	20	-	-
35483	ACETYLENE WELDING AND CUTTING APPARATUS	121.7	121.7	121.7	117.9	117.9	117.9	99.6	93.7	-	99	-
35484	AUTOMOTIVE MAINTENANCE EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35485	OTHER METALWORKING MACHINERY, EXCEPT MACHINE TOOLS, NEC	217.2	217.2	217.2	95.5	95.5	95.5	78.9	100.0	79	-	-
355	SPECIAL INDUSTRY MACHINERY	125.9	124.9	127.0	108.0	107.2	109.0	34.4	32.0	20	15	-
3551	FOOD PRODUCTS MACHINERY	118.5	118.5	118.6	109.2	109.1	109.2	16.3	12.8	16	-	-
35510	FOOD PRODUCTS MACHINERY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35511	DAIRY AND MILK PRODUCTS PLANT MACHINERY AND EQUIPMENT	113.8	113.8	113.8	97.4	97.4	97.4	2.6	4.0	3	-	-
35512	COMMERCIAL FOOD-PRODUCTS MACHINERY	101.6	101.5	101.8	114.6	114.5	114.8	37.3	31.6	37	-	-
35513	OTHER INDUSTRIAL FOOD-PRODUCTS MACHINERY, INC PARTS AND ATT	139.3	141.8	136.8	103.0	104.2	100.5	12.9	7.9	13	-	-
3552	TEXTILE MACHINERY	146.1	146.1	146.2	106.0	106.0	106.0	57.7	52.0	35	23	-
35520	TEXTILE-INDUSTRIES MACHINERY, INCL PARTS & ATTACHMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35521	TEXTILE MACHINERY	164.7	164.6	164.8	106.7	106.6	106.8	65.2	57.6	65	-	-
35522	PARTS AND ATTACHMENTS FOR TEXTILE MACHINERY	130.8	130.6	131.0	105.2	105.0	105.3	53.0	50.2	4	49	-
3553	WOODWORKING MACHINERY	124.9	123.9	126.0	102.3	101.5	103.2	60.4	61.6	26	35	-
35530	WOODWORKING MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35531	WOODWORKING MACH EXC DESIGNED PRIMARILY FOR HOME WORKSHOPS	127.3	125.8	128.8	100.6	99.5	101.9	59.7	64.2	31	29	-
35532	WOODWORKING MACH DESIGNED PRIMARILY FOR HOME WORKSHOPS, ETC	109.0	109.0	109.0	112.0	112.0	112.0	76.1	56.2	-	76	-
3554	PAPER INDUSTRIES MACHINERY	108.6	106.3	111.3	114.3	111.5	116.7	29.2	37.9	29	-	-
35540	PULP AND PAPER INDUSTRIES MACHINERY	108.6	106.3	111.3	114.3	111.5	116.7	29.2	37.9	29	-	-
3555	PRINTING TRADES MACHINERY	132.2	132.5	131.8	111.5	111.7	111.1	75.9	78.2	16	60	-
35550	PRINTING-TRADES MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35551	PRINTING PRESSES	128.7	130.4	126.7	113.6	115.3	112.0	46.0	62.2	46	-	-
35552	OTHER PRINTING TRADES MACHINERY	141.1	141.1	141.1	110.8	110.8	110.8	100.0	100.0	-	100	-
3559	SPECIAL INDUSTRY MACHINES, NEC	129.3	126.4	132.4	102.8	101.3	106.1	11.1	7.1	11	-	-
35590	SPECIAL INDUSTRY MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35591	CHEMICALS MANUFACTURING INDUSTRIES MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35592	FOUNDRY MACHINERY AND EQUIPMENT	147.6	147.6	147.6	115.3	115.3	115.3	17.3	26.0	17	-	-
35593	PLASTICS-WORKING MACHINERY AND EQUIPMENT	275.4	270.9	279.9	97.2	96.4	99.6	53.5	54.8	54	-	-
35594	RUBBER-WORKING MACHINERY AND EQUIPMENT	127.2	127.2	127.2	112.0	112.0	112.0	25.0	18.2	25	-	-
35595	OTHER SPECIAL-INDUSTRY MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
356	GENERAL INDUSTRIAL MACHINERY	137.0	135.3	138.7	99.0	97.9	100.4	36.0	37.5	15	22	-
3561	PUMPS AND COMPRESSORS	122.4	120.6	124.4	100.2	98.9	102.0	67.7	65.0	44	24	-
35610	PUMPS, AIR AND GAS COMPRESSORS AND PUMPING EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35611	INDUSTRIAL PUMPS, EXC HYDRAULIC FLUID POWER	109.8	107.8	111.9	99.0	97.4	101.1	68.2	56.4	68	-	-
35612	HYDRAULIC FLUID POWER PUMPS, EX LABORATORY	161.1	162.4	159.6	109.5	110.1	108.2	63.8	48.0	64	-	-
35613	DOMESTIC PUMPS, HA AND WINDMILL PUMP, PUMP JAC, CYL FOR DOM WAT SYS	146.8	146.6	148.6	84.2	83.3	85.6	71.6	79.3	72	-	-
35614	AIR AND GAS COMPRESSORS EXC. REFRIGERATION COMPRESSORS	112.3	107.2	117.6	100.0	95.5	104.8	63.8	70.2	64	-	-
35615	PUMPS AND COMPRESSORS, NEC	117.6	117.4	117.8	101.5	101.4	101.7	29.2	32.6	-	29	-
35616	PARTS AND ATTACH FOR PUMPS, AIR AND GAS COMP, PUMPING EQUIP	134.0	134.0	134.0	103.6	103.6	103.6	100.0	100.0	-	100	-

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 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
3562	BALL AND ROLLER BEARINGS	163.3	163.1	163.5	92.4	92.3	92.5	46.9	50.9	7	40	-
35620	BALL AND ROLLER BEARINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35621	BALL BEARINGS, COMPLETE	151.1	151.1	151.1	88.9	88.9	88.9	100.0	100.0	-	100	-
35622	ROLLER BEARINGS, COMPLETE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35623	MOUNTED BEARINGS	145.6	145.0	146.3	121.7	121.3	122.4	100.0	100.0	100	-	-
35624	PARTS AND COMPONENTS FOR BALL AND ROLLER BEARINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3564	BLOWERS AND FANS	129.1	128.6	129.5	96.0	95.6	96.3	6.7	10.8	-	8	-
35640	BLOWERS, EXHAUSTS, AND VENTILATING FANS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35641	INDUSTRIAL FANS AND BLOWERS	125.0	124.5	125.4	96.0	95.6	96.3	10.4	16.4	-	10	-
35642	DUST COLLECTION, AND AIR PURIFICATION EQUIP AND AIR WASHERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3565	INDUSTRIAL PATTERNS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35650	INDUSTRIAL PATTERNS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3566	POWER TRANSMISSION EQUIPMENT	137.6	137.2	138.1	103.0	102.7	103.4	16.5	17.7	-	17	-
35660	MECHANICAL POWER TRANSMISSION EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35661	PLAIN BEARINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35662	SPEED CHANGERS, GEARS AND INDUSTRIAL HIGH SPEED DRIVES	138.1	137.7	138.6	103.0	102.7	103.4	43.7	47.2	-	44	-
35663	OTHER MECHANICAL POWER TRANSMISSION EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3567	INDUSTRIAL FURNACES AND OVENS	124.7	122.7	126.8	109.1	107.5	111.1	58.8	62.0	13	46	-
35670	INDUSTRIAL FURNACES AND OVENS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35671	ELECTRIC INDUSTRIAL FURNACES AND OVENS	146.6	142.1	151.8	112.0	109.1	116.5	81.5	80.4	14	68	-
35672	FUEL FIRED INDUSTRIAL FURNACES AND OVENS	91.8	90.4	93.3	110.5	108.7	112.3	71.5	69.5	33	39	-
35673	HIGH FREQ INDUCT AND DIELECTRIC HEATING EQUIP AND PARTS	155.3	155.3	155.3	104.6	104.6	104.6	41.3	49.5	-	41	-
3569	GENERAL INDUSTRY MACHINE, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35690	GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
357	OFFICE MACHINES, NEC	158.1	157.3	158.9	104.0	103.5	104.6	44.6	56.5	14	31	-
3571	COMPUTING AND RELATED MACHINES	172.1	171.2	173.1	103.5	103.0	104.1	37.2	53.4	5	33	-
35710	COMPUTING AND ACCOUNTING MACHINES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35711	ELECTRONIC DATA PROCESSING MACHINES AND ASSOCIATED PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35712	COMPUTING AND ACCOUNTING MACHINES	131.5	130.8	132.2	103.5	103.0	104.1	71.3	78.1	9	63	-
3572	TYPEWRITERS	135.3	134.4	136.2	103.9	103.4	104.8	92.0	87.5	65	27	-
35720	TYPEWRITERS AND PARTS	135.3	134.4	136.2	103.9	103.4	104.8	92.0	87.5	65	27	-
3576	SCALES AND BALANCES	121.8	121.7	121.9	104.1	104.0	104.2	50.4	54.8	26	25	-
35760	SCALES AND BALANCES, EX LABORATORY	121.8	121.7	121.9	104.1	104.0	104.2	50.4	54.8	26	25	-
3579	OFFICE MACHINES, NEC	122.6	122.3	122.9	106.9	106.7	107.2	46.5	44.9	23	24	-
35790	OFFICE AND STORE MACHINES, NEC	122.6	122.3	122.9	106.9	106.7	107.2	46.5	44.9	23	24	-
358	SERVICE INDUSTRY MACHINES	161.2	158.4	163.6	88.8	87.7	90.6	83.8	85.0	27	56	-
3581	AUTOMATIC VENDING MACHINES	147.1	146.3	147.9	107.2	106.7	107.9	85.4	89.0	51	35	-
35810	AUTOMATIC VENDING MACHINES AND PARTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35811	AUTOMATIC VENDING MACHINES	134.2	133.6	134.9	110.7	110.2	111.2	87.4	88.7	52	35	-
35812	COIN-OPERATED MECHANISMS AND PARTS FOR AUTOMATIC VENDING MACH	193.7	198.0	189.9	92.5	93.8	90.0	100.0	100.0	58	42	-
3582	COMMERCIAL LAUNDRY EQUIPMENT	130.4	130.9	130.0	94.8	95.0	94.5	70.0	65.2	44	26	-
35820	COMMERCIAL LAUNDRY, DRY CLEANING, AND PRESSING MACH AND EQUIP	130.4	130.9	130.0	94.8	95.0	94.5	70.0	65.2	44	26	-
3585	REFRIGERATION MACHINERY	164.9	162.0	167.4	86.2	85.1	88.0	89.2	89.7	22	67	-
35850	REFRIGERATION AND AIR-CONDITIONING EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35851	HEAT TRANSFER EQUIPMENT	200.1	197.4	202.3	80.7	80.0	82.0	100.0	100.0	100	-	-
35852	ROOM AIR CONDITIONERS	130.1	129.0	131.1	91.9	91.3	92.8	100.0	100.0	-	100	-
35853	COMMERCIAL REFRIGERATORS AND RELATED EQUIPMENT	114.4	114.7	114.1	92.3	92.6	92.0	81.9	84.7	82	-	-
35854	COMPRESSORS AND COMPRESSOR UNITS, ALL REFRIGERANTS	166.7	167.0	166.4	88.9	89.0	88.7	96.0	99.1	96	-	-
35855	CONDENSING UNITS	108.6	108.6	108.5	96.3	96.4	96.3	54.9	62.5	55	-	-
35857	OTHER REFRIGERATION AND AIR-CONDITIONING EQUIPMENT	155.6	150.8	160.6	98.9	96.5	102.8	59.4	60.0	10	50	-
3586	MEASURING AND DISPENSING PUMPS	139.3	138.2	140.4	99.4	98.8	100.2	57.0	64.1	57	-	-
35860	MEASURING AND DISPENSING PUMPS	139.3	138.2	140.4	99.4	98.8	100.2	57.0	64.1	57	-	-
3589	SERVICE INDUSTRY MACHINES, NEC	157.6	155.9	159.3	97.5	96.7	98.7	58.8	64.4	34	25	-
35890	SERVICE INDUSTRY MACHINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
35891	COMMERCIAL COOKING AND FOOD WARMING EQUIPMENT	128.4	128.0	128.9	113.7	113.4	114.2	47.5	50.9	32	16	-
35892	SERVICE INDUSTRY MACHINES, AND PARTS	151.3	150.9	151.7	95.5	95.3	95.8	68.8	70.2	34	35	-
35893	COMMERCIAL AND INDUSTRIAL VACUUM CLEANERS INCL ATTCH AND PARTS	215.1	215.1	215.1	70.6	70.6	70.6	77.8	81.3	78	-	-
359	MISCELLANEOUS MACHINERY	137.1	136.5	137.8	104.7	104.3	105.3	17.0	16.3	14	3	-
3599	MISCELLANEOUS MACHINERY	137.1	136.5	137.8	104.7	104.3	105.3	17.0	16.3	14	3	-
35990	MACHINE SHOP PRODUCTS, EXCEPT ELECTRICAL	137.1	136.5	137.8	104.7	104.3	105.3	17.0	16.3	14	3	-
36	ELECTRICAL MACHINERY	162.6	160.4	164.7	93.2	92.2	94.6	40.0	(2)	27	9	4
361	ELECTRIC DISTRIBUTION PRODUCTS	122.0	121.3	122.6	92.5	92.1	93.1	41.2	38.2	21	14	6
3611	ELECTRIC MEASURING INSTRUMENTS	126.3	125.8	126.8	101.7	101.4	102.2	37.3	33.1	12	6	H 19
36110	INTEGRATING INSTRUMENTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36111	INTEGRATING INSTRUMENTS, ELECTRICAL	105.7	105.3	106.1	99.6	99.3	100.0	89.0	82.2	68	21	-
36112	EQUIP FOR TESTING ELFC, RADIO, AND COMMUNICATION CIRCUITS	122.0	122.4	121.7	106.3	106.6	106.0	12.1	11.4	-	1	H 11
36113	OTHER ELECTRICAL MEASURING INSTRUMENTS	143.9	142.8	145.1	101.4	100.8	102.4	70.9	58.9	15	9	H 46
3612	TRANSFORMERS	129.9	130.2	129.5	83.5	83.7	83.3	60.1	51.7	56	4	-
36120	TRANSFORMERS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36121	SPECIALTY TRANSFORMERS & FLUORESCENT BALLASTS, EXCEPT PARTS	138.1	138.2	138.1	90.8	90.8	90.7	70.0	65.9	70	-	-
36122	POWER AND DISTRIBUTION TRANSFORMERS, EXCEPT PARTS	127.5	128.3	126.9	80.9	81.2	80.3	53.6	46.0	54	-	-
36123	POWER REGULATORS, BOOSTERS, AND REACTORS	136.4	136.3	136.4	81.7	81.7	81.8	76.6	62.3	44	33	-

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Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
3613	SWITCHGEAR AND SWITCHBOARDS	108.2	107.7	108.6	97.8	97.4	98.2	30.3	32.0	-	30	-
36130	SWITCHGEAR AND SWITCHBOARD APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36131	SWITCHGEAR, INC POWER SWITCHGEAR ASSEMBLIES 2300 VOLTS MIN	95.9	95.9	95.9	101.0	101.0	101.0	23.9	32.5	-	24	-
36132	CIRCUIT BREAKERS	116.5	116.5	116.5	89.8	89.8	89.8	47.1	40.6	-	47	-
36133	LOW VOLTAGE PANELBOARDS AND DISTRIBUTION BOARDS UNDER 750 VOLTS	117.9	118.0	117.6	101.5	101.6	101.3	27.1	23.3	-	27	-
36134	FUSES AND FUSE EQUIPMENT UNDER 2,300 VOLTS, EXC POWER DIST CUT-OUT	126.0	126.4	125.5	108.6	108.9	108.2	41.6	48.6	-	42	-
362	ELECTRIC INDUSTRIAL APPARATUS	133.9	133.4	134.4	95.8	95.5	96.2	49.0	(2)	9	40	-
3621	MOTORS AND GENERATORS	131.8	131.0	132.5	92.7	92.2	93.3	62.0	62.5	4	58	-
36210	MOTORS AND GENERATORS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36211	FRACTIONAL HORSEPOWER MOTORS	143.8	143.8	143.8	99.0	99.0	99.0	100.0	100.0	-	100	-
36212	INTEGRAL HP MOTORS AND GENERATORS, EXC FOR LAND TRANSPORT	122.1	119.1	124.4	72.3	71.0	74.2	36.3	31.7	-	36	-
36213	MOTORS, GENERATORS, AND CONTROL APPARATUS, FOR LAND TRANS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36214	PRIME MOVER GENERATOR SETS EXC STEAM OR HYDRAULIC TURBINE	137.5	137.5	137.5	103.0	103.0	103.0	29.0	76.5	-	29	-
36215	MOTOR-GENERATOR SETS AND OTHER ROTATING EQUIPMENT	157.6	157.0	158.1	95.2	94.9	95.6	25.3	42.4	25	-	-
36216	PARTS AND SUPPLIES FOR MOTORS, GENERATORS, & MOTOR GEN SETS	133.0	133.0	133.0	88.1	88.1	88.1	100.0	100.0	-	100	-
3622	INDUSTRIAL CONTROLS	140.2	139.6	140.7	100.9	100.6	101.4	36.5	34.1	-	37	-
36220	INDUSTRIAL CONTROLS	140.2	139.6	140.7	100.9	100.6	101.4	36.5	34.1	-	37	-
3623	ELECTRIC, WELDING APPARATUS	134.2	133.8	134.5	103.8	103.6	104.1	72.2	74.4	58	14	-
36230	WELDING APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36231	ARC WELDING MACH, COMPONENTS, & ACCESSORIES, EX ELECTRODES	175.0	174.7	175.3	90.7	90.6	90.9	48.7	52.1	20	29	-
36232	METAL ARC WELDING ELECTRODES	118.2	118.5	117.9	107.8	108.1	107.5	92.9	93.2	93	-	-
36233	RESISTANCE WELDERS, PARTS, COMPONENTS, ACCESS & ELECTRODES	133.8	134.0	133.6	106.9	107.1	106.7	67.1	64.4	43	25	-
3624	CARBON AND GRAPHITE PRODUCTS	140.9	140.9	140.9	98.6	98.6	98.6	(3)	(3)	-	-	-
36240	CARBON AND GRAPHITE PRODUCTS	140.9	140.9	140.9	98.6	98.6	98.6	(3)	(3)	-	-	-
3629	ELECTRIC INDUSTRIAL GOODS, NEC	136.8	137.0	136.5	85.9	86.1	85.8	10.6	11.7	11	-	-
36290	ELECTRICAL INDUSTRIAL APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36291	CAPACITORS FOR INDUSTRIAL USE EXC FOR ELECTRONIC APPLICATION	104.7	104.9	104.6	85.9	86.1	85.8	51.5	43.6	52	-	-
36292	RECTIFYING APPARATUS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36293	OTHER ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
363	HOUSEHOLD APPLIANCES	137.0	135.3	138.6	90.1	89.3	91.3	77.9	(2)	73	5	-
3631	HOUSEHOLD COOKING EQUIPMENT	124.2	123.8	124.6	99.5	99.3	99.9	52.6	(2)	53	-	-
36311	ELEC HOUSEHOLD RANGES, OVENS & SURFACE COOKING UNIT EQUIP	142.4	142.4	142.4	97.2	97.2	97.2	(3)	(3)	-	-	-
36312	HOUSEHOLD OVENS AND RANGES, EQUIP, AND PARTS, EXC ELECTRIC	107.0	106.9	107.0	103.3	103.3	103.4	60.6	67.7	61	-	-
3632	HOUSEHOLD REFRIGERATORS	151.9	149.6	153.8	81.0	80.1	82.3	99.9	100.0	87	13	-
36320	HOUSEHOLD REFRIGERATORS AND HOUSEHOLD FOOD FREEZERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36321	HOUSEHOLD REFRIGERATORS	164.8	161.7	167.5	81.4	80.3	83.1	100.0	100.0	84	16	-
36322	HOME AND FARM FREEZERS	110.4	109.8	110.9	79.4	79.0	79.8	100.0	100.0	100	-	-
3633	HOUSEHOLD LAUNDRY EQUIPMENT	118.4	118.4	118.4	92.3	92.4	92.3	91.2	93.4	91	-	-
36330	HOUSEHOLD LAUNDRY EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36331	HOUSEHOLD MECHANICAL, WASHING MACHINES, AND DRYERS	115.9	115.8	115.8	92.3	92.4	92.3	100.0	100.0	100	-	-
36332	OTHER HOUSEHOLD LAUNDRY EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3634	ELECTRIC HOUSEWARES AND FANS	159.7	155.0	164.3	92.8	90.6	96.0	63.9	73.4	55	9	-
36340	ELECTRICAL HOUSEWARES AND FANS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36341	FANS, ELECTRIC, EXCEPT INDUSTRIAL TYPE	156.8	155.5	157.9	84.3	83.8	85.1	67.3	60.4	67	-	-
36342	DRY SHAVERS AND ELECTRIC RAZORS	79.1	79.1	79.1	124.8	124.8	124.8	100.0	100.0	100	-	-
36343	SMALL HOUSEHOLD ELECTRIC APPLIANCES EXC WATER HEATERS	187.0	181.9	191.7	89.1	87.2	91.9	57.1	73.5	57	-	-
36344	PARTS AND ATTACHMENTS FOR HOUSEWARES AND FANS	153.5	153.5	153.5	95.1	95.1	95.1	91.5	92.3	-	92	-
3635	HOUSEHOLD VACUUM CLEANERS	127.7	127.7	127.2	96.2	96.2	96.2	82.8	83.9	83	-	-
36350	HOUSEHOLD TYPE VACUUM CLEANERS, INC ATTACH, PARTS, ETC	127.2	127.2	127.2	96.2	96.2	96.2	82.8	83.9	83	-	-
3636	SEWING MACHINES	97.9	97.9	97.9	109.4	109.4	109.4	100.0	100.0	100	-	-
36360	SEWING MACHINES	97.9	97.9	97.9	109.4	109.4	109.4	100.0	100.0	100	-	-
3639	HOUSEHOLD APPLIANCES, NEC	137.5	138.0	137.0	86.7	87.0	86.3	91.8	88.8	92	-	-
36391	ELECTRIC WATER HEATERS FOR PERMANENT INSTALLATION	128.1	127.7	128.4	84.4	84.1	84.6	86.7	91.7	87	-	-
36392	WATER HEATERS, EXCEPT ELECTRIC	104.3	103.8	104.8	84.7	84.3	85.2	97.9	97.2	98	-	-
36393	OTHER HOUSEHOLD APPLIANCES AND PARTS	182.3	183.3	181.4	89.7	90.1	88.8	89.1	77.1	89	-	-
364	LIGHTING AND WIRING DEVICES	131.9	131.2	132.6	102.7	102.3	103.3	34.2	37.0	31	3	-
3641	ELECTRIC LAMPS	123.4	122.1	124.8	106.7	105.9	107.7	96.1	99.2	96	-	-
36410	ELECTRIC LAMPS, BULBS	123.4	122.1	124.8	106.7	105.9	107.7	96.1	99.2	96	-	-
3642	LIGHTING FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36420	LIGHTING FIXTURES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36421	RESIDENTIAL TYPE ELECTRIC FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36422	COMMERCIAL AND INSTITUTIONAL TYPE ELECTRIC FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36423	INDUSTRIAL TYPE ELECTRIC FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36424	VEHICULAR LIGHTING EQUIPMENT, ELECTRIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36425	FLOODLIGHTING AND AREA LIGHTING EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36426	OTHER ELECTRIC AND NON-ELECTRIC LIGHTING EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36427	RESIDENTIAL TYPE ELECTRIC FIXTURES PORTABLE ONLY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3643	CURRENT CARRYING DEVICES	123.5	123.2	123.9	101.4	101.1	101.7	30.3	28.9	30	-	-
36430	CURRENT-CARRYING WIRING DEVICES	123.5	123.2	123.9	101.4	101.1	101.7	30.3	28.9	30	-	-
3644	NONCURRENT CARRYING DEVICES	135.1	134.7	135.4	95.2	95.0	95.5	48.2	58.3	17	31	-
36440	NONCURRENT CARRYING WIRING DEVICES NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36441	POLE-LINE AND TRANSMISSION HARDWARE	138.7	138.7	138.7	95.7	95.7	95.7	53	(2)	-	53	-
36442	ELECTRIC CONDUIT AND CONDUIT FITTINGS	118.1	117.8	118.5	95.7	95.4	96.0	42.0	(2)	42	-	-
36443	OTHER NONCURRENT CARRYING WIRING DEVICES AND SUPPLIES	169.2	168.4	169.9	92.8	92.4	93.2	37.7	52.1	38	-	-

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 See numbered footnotes at end of table.

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# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
365	RADIO AND TV RECEIVING EQUIPMENT	154.9	154.3	155.4	89.7	89.5	90.1	75.0	85.7	69	7	-
3651	RADIO AND TV RECEIVING SETS	158.2	157.8	158.5	88.4	88.2	88.6	74.1	85.5	74	-	-
36510	RADIO AND TELEVISION RECEIVING SETS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36511	HOME-TYPE RADIO RECEIVERS, AUTO RADIOS, RADIO-PHONOGRAPHS	185.6	185.8	185.4	83.0	83.1	82.9	97.2	94.0	97	-	-
36512	HOME-TV TELEVISION SETS & OTH COMPLETE TELEVISION RECEIVERS	166.9	168.6	165.4	90.1	90.9	89.2	74.1	95.1	74	-	-
36513	RECORDERS, AUDIO AMPLIFIERS, TUNERS, SPEAKER SYSTEMS ETC	113.2	111.7	114.7	93.1	91.8	94.3	48.5	61.2	49	-	-
3652	PHONOGRAPH RECORDS	124.5	123.9	125.0	105.3	104.8	105.8	84.8	88.8	2	83	-
36520	PHONOGRAPH RECORDS	124.5	123.9	125.0	105.3	104.8	105.8	84.8	88.8	2	83	-
366	COMMUNICATION EQUIPMENT	224.8	224.7	224.9	97.5	97.5	97.6	7.0	(2)	2	-	S 5
3661	TELEPHONE; TELEGRAPH APPARATUS	146.1	146.1	146.2	97.5	97.5	97.6	32.5	42.5	8	-	S 25
36610	TELEPHONE AND TELEGRAPH APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36611	TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT <sup>15</sup>	115.3	115.3	115.3	98.0	98.0	98.0	77.1	82.4	-	-	S 77
36612	OTH TELEPHONE AND TELEGRAPH APPARATUS, EQUIP AND COMPONENTS	170.8	170.8	170.8	96.0	96.0	96.0	11.5	15.9	12	-	-
3662	RADIO, TV COMMUNICATIONS EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36620	RADIO AND TV COMMUNICATION EQUIPMENT NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36621	COMMERC, INOUST, AND MILITARY ELECTRONIC COMMUNICATION EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36622	RADIO AND TV BROADCAST EQUIPMENT, AND CLOSED CIRCUIT SYSTEMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36623	INTERCOMMUNICATION EQUIP AND ELEC ALARM AND SIGNAL SYSTEMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36624	ELECTRONIC NAVIGATIONAL AIDS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36625	ELECTRONIC SEARCH AND DETECTION APPARATUS, INCL RADAR	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36626	ELECTRONIC MILITARY, INDUSTRIAL, AND COMMERCIAL EQUIP, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36627	SPACE SATELLITE-BORNE COMMUNICATION EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36628	MISSILE-BORNE AND SPACE VEHICLE BORNE EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
367	ELECTRONIC COMPONENTS	191.0	179.9	201.6	90.0	86.1	96.5	37.6	45.1	17	6	S 15
3671	ELECTRON TUBES, RECEIVING TYPE	83.5	81.6	85.6	102.5	99.8	104.6	86.8	92.6	87	-	-
36710	RADIO AND TV RECEIVING TYPE ELECTRON TUBES, EXC CATHODE RAY	83.5	81.6	85.6	102.5	99.8	104.6	86.8	92.6	87	-	-
3672	CATHODE RAY PICTURE TUBES	140.8	140.8	140.8	99.6	99.6	99.6	97.9	100.0	-	98	-
36720	CATHODE RAY PICTURE TUBES COLOR AND NON-COLOR	140.8	140.8	140.8	99.6	99.6	99.6	97.9	100.0	-	98	-
3673	ELECTRON TUBES, TRANSMITTING <sup>16</sup>	123.2	119.7	126.9	103.5	100.4	106.5	43.4	56.9	22	-	S 22
36730	TRANSMITTING, INDUSTRIAL, AND SPECIAL PURPOSE ELECTRON TUBES	123.2	119.7	126.9	103.5	100.4	106.5	43.4	56.9	22	-	S 22
3674	SEMICONDUCTORS <sup>16</sup>	358.3	342.7	370.3	72.5	71.1	76.8	82.8	96.7	-	-	S 83
36740	SOLID STATE SEMICONDUCTOR DEVICES	358.3	342.7	370.3	72.5	71.1	76.8	82.8	96.7	-	-	S 83
3679	ELECTRONIC COMPONENTS, NEC	203.4	198.1	208.6	93.9	92.4	97.3	14.1	13.8	14	-	-
36790	ELECTRONIC COMPONENTS AND ACCESSORIES, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36792	PAPER, METALLIZED PAPER, FILM AND OVAL DIELECTRIC CAPACITY	211.9	208.1	215.2	86.1	85.1	88.0	40.7	44.1	41	-	-
36793	RESISTORS FOR ELECTRONIC APPLICATIONS	211.5	204.3	219.0	99.4	97.2	104.2	71.0	69.9	71	-	-
36794	COILS, TRANSFORMERS, REACTORS, AND CHOKES FOR ELECTRONIC APP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36795	OTHER ELECTRONIC COMPONENTS AND ACCESSORIES, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
369	ELECTRICAL PRODUCTS, NEC	143.9	143.1	144.7	100.1	99.6	100.7	57.0	(2)	41	12	H 4
3691	STORAGE BATTERIES	148.7	146.3	151.0	93.6	92.4	95.4	73.0	76.2	68	5	-
36910	STORAGE BATTERIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36911	STORAGE BATTERIES, SLI TYPE	138.1	135.6	140.4	93.5	92.1	95.4	94.4	92.2	94	-	-
36912	STORAGE BATTERIES OTHER THAN SLI TYPE	184.7	184.7	184.7	95.9	95.9	95.9	19.7	23.0	-	20	-
3692	PRIMARY BATTERIES, DRY AND WET	148.0	148.2	147.8	95.5	95.6	95.3	62.3	67.0	35	27	-
36920	PRIMARY BATTERIES, DRY AND WET	148.0	148.2	147.8	95.5	95.6	95.3	62.3	67.0	35	27	-
3693	X-RAY APPARATUS AND TUBES	140.1	139.0	141.4	106.0	105.2	107.1	66.2	72.2	-	-	H 66
36930	X-RAY THERAPEUTIC APPARATUS	140.1	139.0	141.4	106.0	105.2	107.1	66.2	72.2	-	-	H 66
3694	ENGINE ELECTRICAL EQUIPMENT	141.3	141.3	141.3	105.4	105.4	105.4	60.6	58.5	42	18	-
36940	ELECTRICAL EQUIPMENT FOR INTERNAL COMBUSTION ENGINES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36941	IGNITION HARNESS AND CABLE SETS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36942	BATTERY CHARGING GENERATORS	184.4	184.4	184.4	103.0	103.0	103.0	19.3	26.2	19	-	-
36943	CRANKING MOTORS	148.6	148.5	148.8	110.0	110.0	110.2	98.6	91.5	74	25	-
36944	SPARK PLUGS	113.6	113.6	113.6	102.9	102.9	102.9	93.6	93.8	-	94	-
36945	OTHER COMPLETE ELEC EQUIP FOR INTERNAL COMBUSTION ENGINES	154.5	153.9	155.1	104.9	104.6	105.5	78.0	67.5	78	-	-
36946	COMPONENTS AND PARTS FOR ENGINE ELECTRICAL EQUIPMENT	105.9	106.1	105.7	104.9	105.0	104.7	47.5	33.6	48	-	-
3699	ELECTRICAL PRODUCTS, NEC	135.5	135.5	135.5	101.3	101.3	101.3	(3)	(3)	-	-	-
36990	ELECTRICAL PRODUCTS, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36992	LAMP COMPONENTS AND OTHER ELECTRICAL PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
36996	APPL WIR & CORD AND FLEX CORD SETS FROM PURCHASED MATERIALS	134.9	134.9	134.9	101.3	101.3	101.3	(3)	(3)	-	-	-
37	TRANSPORTATION EQUIPMENT	147.2	146.8	147.5	98.1	97.9	98.3	46.3	(2)	10	36	-
371	MOTOR VEHICLES AND EQUIPMENT	179.1	179.0	179.2	99.2	99.1	99.2	62.2	61.9	11	51	-
3713	TRUCK AND BUS BODIES	149.2	149.0	149.4	102.3	102.2	102.5	43.6	47.1	44	-	-
37130	TRUCK BUS AND OTHER VEHICLE (EXC PASSENGER CAR) BODIES	149.2	149.0	149.4	102.3	102.2	102.5	43.6	47.1	44	-	-
3715	TRUCK TRAILERS	158.4	156.9	159.9	99.1	98.4	100.3	97.2	100.0	97	-	-
37150	TRUCK TRAILERS	158.4	156.9	159.9	99.1	98.4	100.3	97.2	100.0	97	-	-
3717	MOTOR VEHICLES AND PARTS	179.8	179.7	179.9	99.1	99.1	99.2	62.0	61.6	10	52	-
37171	PASSENGER CARS, KNOCKED DOWN OR ASSEMBLED AND CHASSIS	184.1	184.1	184.1	98.8	98.8	98.8	100.0	100.0	-	100	-
37172	TRUCK TRACTORS, TRUCK CHASSIS AND TRUCKS	177.4	177.4	177.4	98.4	98.4	98.4	100.0	100.0	100	-	-
37173	MOTOR COACHES EX TROLLEY BUSES, AND FIRE DEPARTMENT VEHICLE	175.6	174.5	176.7	104.6	104.1	105.4	100.0	100.0	15	85	-
37175	PARTS AND ACCESSORIES SHIPPED TO MOTOR VEHICLE MANUFACTURERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37176	PARTS AND ACCESSORIES SHIPPED TO OTHER THAN MFR VEH MANU	148.4	148.4	148.4	103.6	103.6	103.6	92.4	86.1	-	92	-
37177	REBUILT MOTOR VEHICLE ENGINES AND PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health, M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used:  
T Tariff Commission, S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
372	AIRCRAFT AND PARTS	99.1	98.1	100.2	96.3	95.3	97.3	(1)	(2)	1	-	-
3721	AIRCRAFT	88.9	87.9	89.9	96.4	95.3	97.4	(3)	(3)	-	-	-
37211	VALUE OF WORK DONE ON AIRCRAFT MILITARY TYPE	81.2	80.3	82.1	96.5	95.3	97.4	(3)	(3)	-	-	-
37212	VALUE OF WORK DONE ON AIRCRAFT, PERSONAL TYPE	75.5	74.7	76.3	96.5	95.3	97.4	(3)	(3)	-	-	-
37213	VALUE OF WORK DONE ON COMPLETE COMMERCIAL AIRCRAFT	75.5	74.7	76.3	96.5	95.3	97.4	(3)	(3)	-	-	-
37214	MODIFICATIONS, ETC, PREVIOUSLY ACCEPTED AIRCRAFT	161.7	159.9	163.5	96.1	95.3	97.4	(3)	(3)	-	-	-
37216	OTH AERONAUTICAL SERV, INC RESEARCH AND DEVELOP ON AIRCRAFT	120.9	119.6	122.2	96.2	95.3	97.4	(3)	(3)	-	-	-
3722	AIRCRAFT ENGINES AND PARTS	112.7	111.4	113.9	96.3	95.3	97.4	(3)	(3)	-	-	-
37220	AIRCRAFT ENGINES AND ENGINE PARTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37221	AIRCRAFT ENGINES FOR U S MILITARY	102.1	101.0	103.2	96.3	95.3	97.4	(3)	(3)	-	-	-
37222	AIRCRAFT ENGINES FOR OTHER THAN MILITARY CUSTOMERS	102.1	101.0	103.2	96.3	95.3	97.4	(3)	(3)	100	-	-
37223	OTHER AERONAUTICAL SERVICES ON AIRCRAFT ENGINES	148.9	147.2	150.5	96.1	95.3	97.4	(3)	(3)	-	-	-
37224	AIRCRAFT ENGINE PARTS	88.9	87.9	89.8	96.4	95.3	97.4	(3)	(3)	-	-	-
37225	COMPLETE MISSILE OR SPACE VEHICLE ENGINES	102.1	101.0	103.2	96.3	95.3	97.4	(3)	(3)	-	-	-
37226	R AND O ON COMPLETE MISSILE OR SPACE VEHICLE ENGINES	203.3	201.1	205.5	96.0	95.3	97.4	(3)	(3)	-	-	-
37227	ALL OTHER SERVICES ON COMPLETE MISSILE ENGINES	159.4	157.6	161.1	96.1	95.3	97.4	(3)	(3)	-	-	-
37228	MISSILE AND SPACE VEHICLE ENGINE PARTS	88.9	87.9	89.8	96.4	95.3	97.4	(3)	(3)	-	-	-
3723	AIRCRAFT PROPELLERS AND PARTS	74.5	74.5	74.5	87.6	87.6	87.6	53.9	56.8	54	-	-
37230	AIRCRAFT PROPELLERS AND PARTS	74.5	74.5	74.5	87.6	87.6	87.6	53.9	56.8	54	-	-
3729	AIRCRAFT EQUIPMENT, NEC	103.0	101.8	104.1	96.3	95.3	97.4	(3)	(3)	-	-	-
37291	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT	80.4	79.5	81.3	96.5	95.3	97.4	(3)	(3)	-	-	-
37292	GUIDED MISSILE COMPONENTS AND SUBASSEMBLIES, NEC	205.8	203.5	208.0	96.0	95.3	97.4	(3)	(3)	-	-	-
37293	RECEIPTS FROM RESEARCH AND DEVELOPMENT ON AIRCRAFT PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(3)	(3)	-	-	-
37294	RESEARCH AND DEVELOPMENT ON MISSILE COMPONENTS, NEC	114.6	113.4	115.9	96.3	95.3	97.4	(3)	(3)	-	-	-
373	SHIP AND BOAT BUILDING	114.2	114.5	113.9	92.0	92.2	91.7	27.1	(2)	27	-	-
3731	SHIP BUILDING AND REPAIRING	114.1	114.7	113.7	90.6	91.0	90.2	21.3	(2)	21	-	-
37310	SHIP BUILDING AND REPAIRING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37311	NONPROPELLED SHIPS, NEW CONSTRUCTION	99.2	96.4	101.8	84.7	82.4	87.0	98.0	96.8	98	-	-
37312	SELF-PROPELLED SHIPS, MILITARY	150.6	148.9	152.2	96.1	95.3	97.4	(3)	(3)	-	-	-
37313	SELF-PROPELLED SHIPS, NONMILITARY <sup>17</sup>	66.0	66.0	66.0	83.3	83.3	83.3	100.0	100.0	100	-	-
37314	SHIP REPAIR, CONVERSIONS AND RECONVERSIONS, MILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37316	SHIP REPAIR, CONVERSIONS, AND RECONVERSIONS, NONMILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3732	BOAT BUILDING AND REPAIRING	112.8	112.9	112.8	99.8	99.9	99.8	53.3	58.6	53	-	-
37320	BOATBUILDING AND REPAIRING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37321	INBOARD MOTORBOATS, ALL TYPES	149.2	145.3	153.7	110.3	107.6	113.9	81.2	95.3	81	-	-
37322	OUTBOARD MOTORBOATS, ALL TYPES, INC PREFABRICATED KITS	81.0	81.7	80.4	90.5	91.3	89.9	98.0	95.5	98	-	-
37323	OTHER BOATS, INC SAILBOATS, ROWBOATS, CANOES, SKIFFS, ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37324	BOAT REPAIR, MILITARY AND NONMILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
374	RAILROAD EQUIPMENT	130.1	129.8	130.5	108.6	108.3	108.9	80.9	84.5	46	35	-
3741	LOCOMOTIVES AND PARTS	103.7	103.7	103.7	102.7	102.6	102.7	37.4	61.9	2	35	-
37411	LOCOMOTIVES, NEW, RAILROAD SERVICE TYPE AND SWITCHING TYPE	63.3	63.3	63.3	102.3	102.3	102.3	100.0	100.0	-	100	-
37412	OTHER NEW LOCOMOTIVES, INDUSTRIAL AND MINING TYPE	54.2	54.2	54.2	108.6	108.7	108.6	100.0	100.0	100	-	-
37413	PARTS FOR LOCOMOTIVES, FOR REP SALE & REBUILT LOCOMOTIVES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3742	RAILROAD AND STREET CARS	149.2	147.8	150.8	110.2	109.3	111.5	99.9	99.7	64	32	-
37420	RAILROAD AND STREET CARS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37421	PASSENGER TRAIN CARS, NEW	344.8	344.8	344.8	92.6	92.6	92.6	100.0	100.0	100	-	-
37422	FREIGHT TRAIN CARS, NEW <sup>18</sup>	140.9	139.4	142.6	116.0	114.9	117.5	100.0	100.0	100	-	-
37423	STREET CARS, PARTS AND ACC FOR RR CARS AND ST CARS	153.4	153.4	153.4	102.9	102.9	102.9	100.0	100.0	-	100	-
375	MOTORCYCLES, BICYCLES, AND PARTS	162.3	162.3	162.3	95.1	95.1	95.1	59.2	56.3	-	59	-
3751	MOTORCYCLES, BICYCLES, AND PARTS	162.3	162.3	162.3	95.1	95.1	95.1	59.2	56.3	-	59	-
37510	MOTORCYCLES AND BICYCLES	162.3	162.3	162.3	95.1	95.1	95.1	59.2	56.3	-	59	-
379	TRANSPORTATION EQUIPMENT, NEC	158.5	158.3	158.6	101.0	101.0	101.2	8.8	(2)	2	-	S 7
3791	TRAILER COACHES	153.8	153.5	154.1	100.9	100.7	101.1	(3)	(3)	-	-	-
37910	TRAILER COACHES, HOUSING TYPE	153.8	153.5	154.1	100.9	100.7	101.1	(3)	(3)	-	-	-
3799	TRANSPORTATION EQUIPMENT, NEC	176.3	177.6	175.0	102.8	103.3	101.8	40.8	33.6	10	-	S 31
37990	TRANSPORTATION EQUIP NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
37991	AUTOMOBILE TRAILERS, EXCLUDING HOUSING TYPE COACHES	295.4	300.4	290.3	102.0	102.9	99.4	98.3	100.0	10	-	S 89
37992	TRANSPORTATION EQUIPMENT, NEC	123.4	123.4	123.4	105.9	105.9	105.9	11.1	15.7	11	-	-
38	INSTRUMENTS AND RELATED PRODUCTS	132.9	132.1	133.7	102.7	102.2	103.4	27.4	(2)	10	7	11
381	SCIENTIFIC INSTRUMENTS	93.1	93.1	93.1	102.2	102.2	102.3	36.7	28.0	-	8	29
3811	SCIENTIFIC INSTRUMENTS	93.1	93.1	93.1	102.2	102.2	102.3	36.7	28.0	-	8	H 29
38110	SCIENTIFIC INSTRUMENTS,NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38111	AIRCRAFT FLIGHT NAUTICAL AND NAVIG INSTRUMENT & AUTO PILOTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38112	LABORATORY AND SCIENTIFIC INSTRUMENTS	125.7	125.7	125.7	101.7	101.7	101.7	90.8	95.2	-	-	H 91
38113	SURVEYING AND DRAFTING INSTRUMENTS AND LABORATORY FURNITURE	131.6	131.5	131.7	103.4	103.3	103.5	84.4	87.6	-	54	H 30
382	MECHANICAL MEASURING DEVICES	125.3	125.2	125.5	104.5	104.4	104.6	17.0	19.0	10	-	7
3821	MECHANICAL MEASURING DEVICES	123.7	123.6	123.9	104.5	104.4	104.6	24.4	26.9	15	-	H 10
38210	MECH MEASURING & CONTROLLING INSTR, EXC AUTO TEMP CONT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38211	AIRCRAFT ENGINE INSTRUMENTS, EXCEPT FLIGHT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38212	INTEGRATING METERS, NONELECTRICAL TYPE	120.7	120.6	120.9	113.6	113.5	113.7	71.7	74.3	72	-	-
38213	INDUSTRIAL PROCESS INSTRUMENTS	134.7	133.8	135.5	96.2	95.6	96.8	17.9	24.2	3	-	H 15
38214	MOTOR VEHICLE INSTRUMENTS, EXCEPT ELECTRIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38216	OTHER MECHANICAL MEASURING AND CONTROLLING INSTRUMENTS	124.1	123.8	124.4	101.8	101.6	102.1	25.1	19.8	11	-	H 14

Standard Notes: - Zero, that is, no direct product representation.  
 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National Institutes of Health, M Bureau of Mines, Department of the Interior, T Tariff Commission, S Special - see numbered footnote for further explanation.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)			1963	1958	Census	BLS/WPI	Other*
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights					
3822	AUTOMATIC TEMPERATURE CONTROLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38220	AUTOMATIC TEMPERATURE CONTROLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
383	OPTICAL INSTRUMENTS AND LENSES	228.5	228.5	228.6	102.1	102.1	102.1	57.0	61.7	-	-	57
3831	OPTICAL INSTRUMENTS AND LENSES	228.5	228.5	228.6	102.1	102.1	102.1	57.0	61.7	-	-	H 57
38310	OPTICAL INSTRUMENTS AND LENSES NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38311	OPTICAL AND ANALYTICAL INS	225.5	225.5	225.5	102.1	102.1	102.1	72.2	77.1	-	-	H 72
38312	SIGHT AND FICON EQ MA FR LEN, PR ETC PROD IN THIS PLANT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
384	MEDICAL INSTRUMENTS AND SUPPLIES	147.6	145.1	150.2	99.7	98.4	101.9	15.3	(2)	6	6	4
3841	SURGICAL AND MEDICAL INSTRUMENTS <sup>19</sup>	222.5	216.9	228.3	99.1	97.5	102.6	(3)	(3)	-	-	-
38410	SURGICAL AND MEDICAL INSTRUMENTS AND APPARATUS	222.5	216.9	228.3	99.1	97.5	102.6	100.0	100.0	-	-	-
3842	SURGICAL APPLIANCES AND SUPPLIES	129.9	129.5	130.3	98.2	97.9	98.5	21.0	21.2	10	11	-
38420	ORTHOPEO PROSTHET AND SURGICAL APPLIANCES AND SUPPLIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38421	SURGICAL, ORTHOPEDIC, AND PROSTHETIC APPLIANCES AND SUPPLIES	128.8	128.9	128.7	96.4	96.4	96.2	19.4	14.4	3	16	-
38423	PERSONAL INDUSTRIAL SAFETY DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38424	ELECTRICAL AND ELECTRONIC HEARING AIDS	88.7	88.7	88.7	100.6	100.6	100.6	100.0	100.0	100	-	-
3843	DENTAL EQUIPMENT AND SUPPLIES <sup>20</sup>	117.4	117.5	117.3	107.4	107.5	107.3	28.4	28.3	5	-	S 23
38430	DENTAL EQUIPMENT AND SUPPLIES	117.4	117.5	117.3	107.4	107.5	107.3	28.4	28.3	5	-	S 23
385	OPHTHALMIC GOODS	138.7	138.7	138.7	104.8	104.8	104.8	77.0	75.5	28	-	49
3851	OPHTHALMIC GOODS	138.7	138.7	138.7	104.8	104.8	104.8	77.0	75.5	28	-	H 49
38510	OPHTHALMIC GOODS,	138.7	138.7	138.7	104.8	104.8	104.8	77.0	75.5	28	-	H 49
386	PHOTOGRAPHIC EQUIPMENT	149.2	148.6	149.8	103.0	102.6	103.4	25	(2)	13	12	-
3861	PHOTOGRAPHIC EQUIPMENT	149.2	148.6	149.8	103.0	102.6	103.4	25	(2)	13	12	-
38610	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38611	STILL PICTURE EQUIP, EXC PHOTOCOPYING, MICROFILMING, ETC	124.5	120.5	128.6	99.6	96.9	103.4	38.9	35.7	39	-	-
38612	PHOTOCOPY, MICROFILM, 8L-PRINT, BROWNPRINT AND WHI-PR EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38613	MOTION PICTURE EQUIPMENT	84.1	84.6	83.7	102.7	103.3	102.2	57.2	64.7	57	-	-
38615	PHOTO SENSITIZED FILM AND PLATES <sup>21</sup>	145.7	145.2	146.3	104.7	104.4	105.2	(3)	(3)	-	-	-
38616	SENSITIZED PHOTOGRAPHIC PAPER AND CLOTH, SILVER HALIOE TYPE	145.5	145.5	145.5	106.1	106.1	106.1	100.0	100.0	-	100	-
38617	SENSITIZED PHOTO PA OTHER THAN SILVER HALIOE TYPE	180.3	179.2	181.2	86.5	86.1	87.0	48.1	67.0	48	-	-
38618	PREPARED PHOTOGRAPHIC CHEMICALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
387	WATCHES, CLOCKS, AND WATCHCASES	129.9	128.8	131.1	104.8	104.0	105.9	32.0	29.4	13	19	-
3871	WATCHES AND CLOCKS	132.7	131.6	134.0	104.8	104.0	105.9	34.3	32.2	14	20	-
38710	WATCHES, CLOCKS, AND PARTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38711	CLOCKS	145.2	143.3	147.3	107.1	106.0	108.9	30.4	26.9	30	-	-
38714	WATCHES WITH IMPORTED MOVEMENTS	129.8	128.5	131.3	103.6	102.6	104.9	51.9	50.9	48	4	-
38715	WATCHES WITH DOMESTIC MOVEMENTS AND PARTS FOR ALL CLOCKS AND	115.9	115.9	115.9	103.4	103.4	103.4	27.1	24.8	-	27	-
3872	WATCHCASES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
38720	WATCH CASES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39	MISCELLANEOUS MANUFACTURING	130.0	129.6	130.4	99.9	99.7	100.3	43.3	43.9	27	16	-
391	JEWELRY AND SILVERWARE	125.4	124.3	126.6	105.9	105.0	106.9	28.4	29.9	15	13	-
3911	JEWELRY, PRECIOUS METAL	140.2	139.6	140.7	99.4	99.0	99.8	16.3	18.5	-	16	-
39110	JEWELRY NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39111	JEWELRY MADE OF PLATINUM METALS AND KARAT GOLD	155.0	155.0	155.0	94.6	94.6	94.6	13.1	14.5	-	13	-
39112	JEWELRY MADE OF PRECIOUS METALS EX PLATINUM AND KARAT GOLD	119.4	119.4	119.4	105.7	105.7	105.7	29.5	33.5	-	30	-
3912	JEWELERS' FINDINGS AND MATERIALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39120	JEWELERS' FINDINGS AND MATERIALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3913	LAPIDARY WORK	150.9	150.9	150.9	107.4	107.4	107.4	53.5	46.3	-	54	-
39130	LAPIDARY WORK AND CUTTING AND POLISHING DIAMONOS	150.9	150.9	150.9	107.4	107.4	107.4	53.5	46.3	-	54	-
3914	SILVERWARE AND PLATED WARE	108.3	107.0	109.8	109.3	108.0	110.8	52.7	53.8	53	-	-
39140	SILVERWARE AND PLATED WARE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39141	SILVERWARE, PLATED WARE, AND STAINLESS STEEL WARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39142	FLATWARE	110.2	108.9	111.7	109.3	108.0	110.8	95.4	99.0	95	-	-
393	MUSICAL INSTRUMENTS AND PARTS	138.0	137.5	138.4	96.5	96.3	96.8	66.3	61.0	66	-	-
3931	MUSICAL INSTRUMENTS AND PARTS	138.0	137.5	138.4	96.5	96.3	96.8	66.3	61.0	66	-	-
39310	MUSICAL INSTRUMENTS AND PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39311	PIANOS	134.9	134.9	134.9	101.1	101.0	101.1	100.0	100.0	100	-	-
39312	ORGANS	161.1	161.1	161.1	89.5	89.5	89.5	87.2	82.2	87	-	-
39313	PIANO AND ORGAN PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39314	OTHER MUSICAL INSTRUMENTS AND PARTS	151.6	151.6	151.6	106.8	106.8	106.8	39.2	41.3	39	-	-
394	TOYS AND SPORTING GOODS	132.8	132.7	132.8	99.8	99.7	99.8	47.6	45.3	20	27	-
3941	GAMES AND TOYS	148.7	148.9	148.6	98.4	98.5	98.3	41.4	37.9	-	41	-
39410	GAMES AND TOYS, EXCEPT DOLLS AND CHILDRENS VEHICLES	148.7	148.9	148.6	98.4	98.5	98.3	41.4	37.9	-	41	-
3942	DOLLS	118.3	118.6	118.0	99.5	99.7	99.1	73.1	62.8	73	-	-
39420	DOLLS	118.3	118.6	118.0	99.5	99.7	99.1	73.1	62.8	73	-	-
3943	CHILDREN'S VEHICLES EXCEPT BICYCLES	116.3	115.7	116.8	97.7	97.3	98.2	71.1	71.2	71	-	-
39430	CHILDREN'S VEHICLES EXCEPT BICYCLES	116.3	115.7	116.8	97.7	97.3	98.2	71.1	71.2	71	-	-

Standard Notes: - Zero, that is, no direct product representation.  
 Institutes of Health. M Bureau of Mines, Department of the Interior.  
 See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
 T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
3949	SPORTING AND ATHLETIC GOODS	123.6	123.4	123.8	101.7	101.6	101.9	44.5	43.7	23	22	-
39490	SPORTING AND ATHLETIC GOODS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39491	FISHING TACKLE AND EQUIPMENT	131.4	131.6	131.3	97.3	97.4	97.2	49.7	51.9	50	-	-
39492	OTHER SPORTING AND ATHLETIC GOODS	128.4	128.2	128.6	102.6	102.5	102.8	46.2	47.2	19	27	-
395	PENS, PENCILS AND OFFICE SUPPLIES	139.9	138.2	141.4	95.8	94.8	97.0	46.7	51.7	22	25	-
3951	PENS AND MECHANICAL PENCILS	135.2	132.3	137.8	89.2	87.6	91.2	68.7	70.4	49	19	-
39510	PENS, MECHANICAL PENCILS, AND PEN POINTS	135.2	132.3	137.8	89.2	87.6	91.2	68.7	70.4	49	19	-
3952	LEAD PENCILS AND ART GOODS	119.7	119.9	119.5	102.4	102.6	102.3	36.7	44.3	8	29	-
39520	LEAD PENCILS CRAYONS AND ARTISTS MATERIALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39521	LEAD PENCILS AND CRAYONS	103.4	103.5	103.2	102.4	102.6	102.3	58.2	60.6	13	45	-
39522	ARTISTS MATERIALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3953	MARKING DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39530	HAND STAMPS, STENCILS, AND OTHER MARKING DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3955	CARBON PAPER AND INKED RIBBONS	132.2	132.0	132.5	102.3	102.2	102.6	60.1	59.5	15	45	-
39550	CARBON PAPER, STENCIL PAPER, AND INKED RIBBONS,	132.2	132.0	132.5	102.3	102.2	102.6	60.1	59.5	15	45	-
396	COSTUME JEWELRY AND NOTIONS	116.9	117.4	116.4	103.6	104.0	103.1	44.3	42.6	29	16	-
3961	COSTUME JEWELRY	107.6	107.6	107.6	100.9	100.9	100.9	38.0	42.5	-	38	-
39610	COSTUME JEWELRY AND COSTUME NOVELTIES, EX PRECIOUS METAL	107.6	107.6	107.6	100.9	100.9	100.9	38.0	42.5	-	38	-
3962	ARTIFICIAL FLOWERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39620	FEATHERS, PLUMES, AND ARTIFICIAL FLOWERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3963	BUTTONS	117.7	117.5	117.8	98.2	98.1	98.3	49.4	43.9	33	16	-
39630	BUTTONS	117.7	117.5	117.8	98.2	98.1	98.3	49.4	43.9	33	16	-
3964	NEEDLES, PINS, AND FASTENERS	133.4	134.1	132.7	106.8	107.3	106.2	56.4	53.9	56	-	-
39640	NEEDLES, PINS, FASTENERS, HOOKS, AND EYES ETC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39641	ZIPPERS AND SLIDE FASTENERS	150.9	150.9	150.9	108.8	108.8	108.8	100.0	100.0	100	-	-
39642	NEEDLES, PINS, FASTENERS EXCEPT SLIDE AND SIMILAR NOTIONS	139.0	140.6	137.3	100.3	101.5	99.1	21.8	28.3	22	-	-
398	MISCELLANEOUS MANUFACTURING PART 1	119.7	118.9	120.6	100.1	99.4	100.9	67.2	68.3	55	12	-
3981	BROOMS AND BRUSHES	114.6	112.1	117.1	103.3	101.3	105.8	45.5	44.5	46	-	-
39810	BROOMS AND BRUSHES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39811	BROOMS	108.7	108.7	108.7	103.6	103.6	103.6	53.9	56.4	54	-	-
39812	PAINT BRUSHES AND PAINT ROLLERS	117.6	111.4	124.3	102.8	97.6	108.9	71.5	74.2	72	-	-
39813	OTHER BRUSHES	117.5	119.1	115.7	104.0	105.3	102.3	31.1	27.6	31	-	-
3982	HARD SURFACE FLOOR COVERINGS	111.3	111.3	111.3	99.5	99.4	99.5	99.4	99.0	40	59	-
39820	HARD-SURFACE FLOOR COVERING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39821	LINOLEUM	64.4	64.4	64.4	109.5	109.5	109.5	100.0	100.0	100	-	-
39822	ASPHAL-FELT-BA AND SUPP PLAS FLOOR COVERINGS	135.1	136.8	133.4	96.2	97.1	94.9	99.7	100.0	51	49	-
3983	MATCHES	100.3	100.1	100.5	95.0	94.8	95.1	91.5	77.8	92	-	-
39830	MATCHES	100.3	100.1	100.5	95.0	94.8	95.1	91.5	77.8	92	-	-
3984	CANOELES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39840	CANOELES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3987	LAMP SHADES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39870	LAMP SHADES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3988	MORTICIANS' GOODS	122.3	121.5	123.2	100.4	99.8	101.2	81.2	80.5	81	-	-
39880	MORTICIANS' GOODS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39881	METAL CASKETS AND COFFINS, COMPLETELY LINED AND TRIMMED	147.7	147.7	147.7	98.2	98.2	98.2	100.0	98.0	100	-	-
39882	WOOD CASKETS AND COFFINS, COMPLETELY LINED AND TRIMMED	93.8	93.8	93.8	102.5	102.5	102.6	94.3	91.3	94	-	-
39883	OTH CASKETS AND COFFINS, METAL VAULTS, & MORTICIANS SUPPLIES	115.9	112.5	119.5	103.8	100.8	107.0	47.1	52.4	47	-	-
399	MISCELLANEOUS MANUFACTURING PART 2	140.1	141.7	138.6	97.6	98.6	96.5	18.5	21.1	16	3	-
3992	FURS, DRESSED AND DYED	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39920	DRESSED AND DYED FURS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3993	SIGNS AND ADVERTISING DISPLAYS	142.7	142.7	142.7	101.0	101.0	101.0	28.6	29.1	29	-	-
39930	SIGNS AND ADVERTISING DISPLAYS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39931	LUMINOUS TUBING AND BULB SIGNS /ELECTRIC/	140.6	140.6	140.6	101.0	101.0	101.0	100.0	100.0	100	-	-
39932	NONELECTRIC SIGNS AND ADVERTISING DISPLAYS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3995	UMBRELLAS, PARASOLS, AND CANES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39950	UMBRELLAS, PARASOLS, AND CANES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
3999	MISCELLANEOUS PRODUCTS, NEC	145.4	148.3	142.9	90.7	92.5	89.1	10.9	17.1	5	6	-
39990	MANUFACTURING INDUSTRIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
39991	CHEMICAL FIRE EXTINGUISHING EQUIPMENT AND PARTS	133.0	132.7	133.2	84.0	83.9	84.2	25.5	36.3	26	-	-
39992	COIN OPERATED AMUSEMENT MACHINES	93.0	93.0	93.0	82.5	82.5	82.5	31.2	62.2	31	-	-
39993	OTHER MISCELLANEOUS FABRICATED PRODUCTS	141.5	141.5	141.5	101.4	101.4	101.4	8.8	8.7	9	-	-
19	ORDNANCE AND ACCESSORIES	181.2	181.0	181.4	95.9	95.8	96.0	3.0	(2)	1	2	-
191	GUNS, HOWITZERS, AND MORTARS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
1911	GUNS, HOWITZERS, AND MORTARS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
19110	GUNS AND RELATED EQUIP OVER 30 MM OR OVER 1.18 IN	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-

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H National

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 1. 1958-1963

SIC code	Product description	Indexes (1958=100)						Total direct coverage		Direct coverage in 1963 represented by data from--		
		Production (gross value weights)			Unit value (averages)							
		Cross weights	1963 weights	1958 weights	Cross weights	1963 weights	1958 weights	1963	1958	Census	BLS/WPI	Other*
192	MISSILES AND AMMUNITION, NEC	224.1	224.1	224.1	95.3	95.3	95.3	42.0	48.1			
1925	COMPLETE GUIDED MISSILES	220.1	220.1	220.1	95.3	95.3	95.3	41.5	47.7			
19251	GUIDED MISSILES, COMPLETE	191.5	191.5	191.5	95.3	95.3	95.3	100.0	100.0			
19253	R AND D ON COMPLETE GUIDED MISSILES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
19255	OTHER SERVICES ON COMPLETE MISSILES AND SPACE VEHICLES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
1929	AMMUNITION, NEC	280.7	280.7	280.7	95.3	95.3	95.3	47.5	53.2			
19291	AMMUNITION OVER 30 MM OR OVER 1.18 IN NEC	251.0	251.0	251.0	95.3	95.3	95.3	100.0	100.0			
19293	AMMUNITION NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
193	TANKS AND TANK COMPONENTS	226.2	226.2	226.2	95.3	95.3	95.3	100.0	100.0			
1931	TANKS AND TANK COMPONENTS	226.2	226.2	226.2	95.3	95.3	95.3	100.0	100.0			
19310	TANKS AND TANK COMPONENTS	226.2	226.2	226.2	95.3	95.3	95.3	100.0	100.0			
194	SIGHTING AND FIRE CONTROL EQUIPMENT	23.8	23.8	23.8	95.3	95.3	95.3	100.0	100.0			
1941	SIGHTING AND FIRE CONTROL EQUIPMENT	23.8	23.8	23.8	95.3	95.3	95.3	100.0	100.0			
19410	SIGHTING AND FIRE CONTROL EQUIPMENT	23.8	23.8	23.8	95.3	95.3	95.3	100.0	100.0			
195	SMALL ARMS	161.3	160.7	162.0	107.0	106.6	107.4	50.6	73.4			
1951	SMALL ARMS, 30 MM AND UNDER	161.3	160.7	162.0	107.0	106.6	107.4	50.6	73.4			
19510	SMALL ARMS, 30MM AND UNDER, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)			
19512	SMALL ARMS, 30MM AND UNDER	158.3	157.8	158.9	107.0	106.6	107.4	52.2	74.3			
196	SMALL ARMS AMMUNITION	123.9	123.9	123.9	103.1	103.1	103.1	47.4	53.1			
1961	SMALL ARMS AMMUNITION	123.9	123.9	123.9	103.1	103.1	103.1	47.4	53.1			
19610	SMALL ARMS AMMUNITION 30MM AND UNDER	123.9	123.9	123.9	103.1	103.1	103.1	47.4	53.1			
199	ORDNANCE AND ACCESSORIES, NEC	121.5	121.5	121.5	95.3	95.3	95.3	100.0	100.0			
1999	ORDNANCE AND ACCESSORIES, NEC	121.5	121.5	121.5	95.3	95.3	95.3	100.0	100.0			
19990	ORDNANCE AND ACCESSORIES, NEC	121.5	121.5	121.5	95.3	95.3	95.3	100.0	100.0			

Standard Notes: - Zero, that is, no direct product representation.  
Institutes of Health. M Bureau of Mines, Department of the Interior.  
See numbered footnotes at end of table.

\* The following symbol notations to indicate source have been used: H National  
T Tariff Commission. S Special - see numbered footnote for further explanation.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
20	FOOD AND KINDRED PRODUCTS	87.3	87.6	86.8	98.8	99.4	98.3	94.0	96.6
201	MEAT PRODUCTS	90.2	90.7	89.5	95.1	95.7	94.3	94.7	97.5
2011	MEAT PACKING (SLAUGHTERING) PLANT PRODUCTS	93.8	94.4	93.1	90.4	91.0	89.8	96.0	98.5
20110	OTHER MEAT PACKING PLANT PRODUCTS, NEC	73.0	72.5	73.5	84.4	83.9	85.0	27.7	33.9
20111	FRESH BEEF	94.6	94.5	94.6	83.1	83.0	83.1	97.9	100.0
20112	FRESH VEAL	140.8	140.8	140.6	68.2	68.2	68.2	96.2	100.0
20113	FRESH LAMB AND MUTTON	114.3	114.3	114.3	85.5	85.5	85.5	100.0	100.0
20114	FRESH PORK	84.5	84.6	84.5	107.4	107.5	107.3	99.2	100.0
20115	LARD, SOLD AS SUCH (EXCLUDING ANIMAL FAT SHORTENING)	84.8	84.8	84.8	136.1	136.1	136.1	99.2	100.0
20119	HIDES, SKINS, AND PELTS	118.8	118.8	118.6	97.1	97.1	97.1	94.7	100.0
2013	PREPARED MEATS (NOT MADE IN SLAUGHTERING PLANTS)	94.7	94.0	95.4	96.1	95.3	96.7	94.1	95.7
20130	PROCESSED MEATS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20136	PORK, PROCESSED AND CURED	95.8	95.8	95.8	106.0	105.9	106.0	97.1	97.3
20137	SAUSAGE AND OTHER PREPARED MEAT PRODUCTS	92.8	91.1	94.8	84.8	83.2	86.5	96.6	97.1
20138	CANNED MEATS EXCEPT DOG AND CAT FOOD PRODUCTS CONTAINING	104.5	104.5	104.5	93.3	93.3	93.3	100.0	100.0
20139	NATURAL SAUSAGE CASINGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2015	POULTRY DRESSING PLANT PRODUCTS, WHOLESALE	63.6	64.1	63.1	120.6	121.4	119.5	89.9	97.0
20150	POULTRY AND SMALL GAME DRESSING AND PACKING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20151	HENS (OR FOWL) AND BROILERS	62.3	62.7	62.2	122.4	122.9	121.8	95.4	100.0
20153	TURKEYS	62.8	63.1	62.5	125.9	126.3	125.2	94.8	100.0
20154	CANNED POULTRY, EXCEPT SOUPS	63.0	63.0	63.0	119.5	119.5	119.5	100.0	100.0
20155	OTHER POULTRY AND SMALL GAME KILLED IN THIS ESTABLISHMENT	114.0	114.0	114.0	99.0	99.0	99.0	100.0	100.0
20156	LIQUID, DRIED, AND FROZEN EGGS	93.9	95.0	92.9	104.6	105.7	103.4	96.7	97.4
202	DAIRY PRODUCTS	85.0	85.1	84.7	98.0	98.2	97.8	92.3	95.7
2021	CREAMERY BUTTER	104.2	104.2	104.2	102.8	102.8	102.8	75.0	100.0
20210	CREAMERY BUTTER	104.2	104.2	104.2	102.8	102.8	102.8	75.0	100.0
2022	NATURAL CHEESE	94.4	94.5	94.4	97.6	97.7	97.6	99.6	99.5
20220	CHEESE, EXCEPT COTTAGE CHEESE,	94.4	94.5	94.4	97.6	97.7	97.6	99.6	99.5
2023	CONDENSED AND EVAPORATED MILK	91.3	91.6	91.1	98.2	98.4	97.9	94.2	96.1
20230	CONDENSED, EVAPORATED OR ORIEO MILK, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20231	DRY MILK PRODUCTS (INCL DRY WHOLE MILK, DRY SKIM MILK)	70.9	70.9	70.9	108.0	108.0	107.9	89.4	91.9
20232	CANNED MILK (SHIPPED IN CONSUMER TYPE PACKAGES)	107.0	107.0	107.0	90.6	90.6	90.6	99.6	100.0
20233	CONDENSED AND EVAPORATED MILK, SHIPPED IN BULK	122.0	115.3	130.0	89.0	83.2	93.8	96.9	100.0
20234	ICE CREAM MIX AND ICE MILK MIX	98.5	98.5	98.5	102.4	102.4	102.4	100.0	100.0
2024	ICE CREAM AND FROZEN DESSERTS	81.1	81.2	81.0	103.4	103.6	103.2	91.2	92.9
20240	ICE CREAM AND ICES	81.1	81.2	81.0	103.4	103.6	103.2	91.2	92.9
2026	FLUID MILK	80.4	80.7	80.0	96.3	96.7	95.8	93.8	94.8
20260	DAIRY PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20261	BULK FLUID MILK AND CREAM	77.3	78.6	76.2	113.4	114.9	111.5	98.7	97.8
20262	BOTTLED MILK AND CREAM	81.6	81.6	81.5	92.6	92.6	92.5	97.9	98.9
20263	COTTAGE CHEESE (INCLUDE BAKERS CHEESE, POT CHEESE, ETC.)	91.8	91.8	91.8	88.5	88.5	88.5	100.0	100.0
20264	BUTTERMILK, CHOCOLATE DRINK AND OTHER FLAVORED MILK DRINKS	74.7	74.7	74.7	111.9	111.9	111.9	100.0	95.9
203	CANNED AND FROZEN FOODS	78.9	79.3	78.4	94.0	94.5	93.5	95.3	97.5
2031	CANNED AND CURED SEAFOODS	95.5	96.9	94.2	92.7	94.0	91.3	98.0	98.3
20310	CANNED AND CURED SEAFOODS	95.5	96.9	94.2	92.7	94.0	91.3	98.0	98.3
2032	CANNED SPECIALTIES	79.1	79.2	79.1	96.2	96.2	96.1	99.1	100.0
20321	CANNED BABY FOODS (EXCEPT MEAT)	82.6	82.7	82.6	97.8	97.8	97.7	100.0	100.0
20322	CANNED AND FROZEN SOUPS EXCEPT SEAFOOD SOUPS	78.4	78.4	78.4	96.0	96.0	96.0	100.0	100.0
20323	CANNED DRY BEANS	82.9	83.1	82.5	94.9	95.2	94.5	95.8	100.0
20324	SPAGHETTI AND OTHER CANNED SPECIALTIES	66.5	66.4	66.6	95.8	95.7	96.1	100.0	100.0
2033	CANNED FRUITS AND VEGETABLES	81.4	82.0	80.8	97.0	97.7	96.2	94.2	96.4
20330	CANNED FRUITS AND VEGETABLES, PRESERVES, JAMS, JELLIES NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20331	CANNED FRUITS, INCLUDING FRUIT PIE MIXES	86.7	86.7	86.7	96.3	96.3	96.3	96.4	100.0
20332	CANNED VEGETABLES, EXCLUDING BABY FOODS	83.3	83.9	82.9	105.4	105.9	104.6	100.0	100.0
20333	CANNED HOMINY AND MUSHROOMS	110.1	110.6	109.3	63.8	64.2	63.5	100.0	100.0
20334	CANNED FRUIT JUICES	81.1	82.7	79.4	88.0	89.8	86.1	87.8	92.2
20335	CANNED VEGETABLE JUICES	73.5	74.0	73.0	94.2	94.7	93.5	98.3	100.0
20336	CATSUP AND OTHER TOMATO SAUCES	70.2	70.3	70.2	90.3	90.3	90.2	100.0	100.0
20338	JAMS, JELLIES AND PRESERVES	84.7	87.0	82.4	95.8	98.1	92.9	88.6	82.6
2034	DRIED AND DEHYDRATED FRUITS AND VEGETABLES AND SOUP MIXES	83.1	83.1	83.1	80.6	80.6	80.6	100.0	100.0
20340	DRIED AND DEHYDRATED FRUITS AND VEGETABLES AND SOUP MIXES	83.1	83.1	83.1	80.6	80.6	80.6	100.0	100.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
2035	PICKLES AND SAUCES	85.1	86.1	84.0	95.5	96.6	94.3	89.7	94.9
20350	PICKLES, SAUCES, AND SALAD DRESSINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20352	PICKLES AND OTHER PICKLE PRODUCTS	96.0	96.5	95.3	83.1	83.7	82.6	84.5	93.9
20353	MEAT SAUCES (EXCEPT TOMATO) AND UNFINISHED PICKLES	69.9	71.1	68.8	120.6	122.2	118.3	95.6	93.1
20354	SALAD DRESSINGS, MAYONNAISE AND SANDWICH SPREAD	85.9	85.8	86.1	97.6	97.5	97.8	98.5	100.0
2036	FRESH OR FROZEN PACKAGED FISH	80.3	80.3	80.4	72.6	72.6	72.7	95.4	99.7
20360	FRESH AND FROZEN PACKAGED FISH AND SEAFOOD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20361	FROZEN SEAFOOD AND SEAFOOD SOUPS	72.0	72.0	72.0	72.2	72.2	72.2	100.0	100.0
20362	FRESH PACKAGED SEAFOOD	124.4	124.4	124.4	73.7	73.7	73.7	100.0	100.0
2037	FROZEN FRUITS AND VEGETABLES	62.0	61.8	62.1	95.9	95.7	96.2	95.3	97.8
20370	FROZEN FRUITS, FRUIT JUICES AND VEGETABLES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20371	FROZEN FRUITS AND JUICES	72.5	72.4	72.5	95.8	95.7	95.8	90.5	97.8
20372	FROZEN VEGETABLES	70.5	70.2	70.7	103.2	103.0	103.6	100.0	100.0
20373	FROZEN PREPARED FOODS (OTHER THAN SOUPS AND SEAFOOD)	42.4	43.0	41.7	89.7	90.5	87.9	100.0	100.0
204	GRAIN MILL PRODUCTS	86.9	87.0	86.7	105.4	105.6	105.2	93.2	95.2
2041	FLOUR AND MEAL	87.2	87.0	87.3	109.8	109.8	109.9	96.2	98.9
20410	FLOUR AND MEAL, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20411	WHEAT FLOUR, EXCEPT BLENDED OR PREPARED	87.7	87.6	87.9	106.7	106.6	106.8	99.4	100.0
20412	WHEAT BRAN, SHORTS, AND MIDOLINGS	94.9	94.9	94.9	127.2	127.2	127.2	100.0	100.0
20413	DRY CORN MILLING PRODUCTS	76.7	77.0	76.5	121.5	121.8	121.2	89.3	100.0
20416	OTHER GRAIN MILL PRODUCTS	92.2	92.6	91.7	113.5	114.0	113.0	80.0	85.3
2042	PREPARED ANIMAL FEEDS	86.7	87.1	86.4	106.5	106.8	106.2	93.9	95.0
20420	PREPARED ANIMAL FEEDS NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20421	POULTRY FEEDS	90.3	90.7	90.0	107.3	107.6	106.8	100.0	100.0
20422	LIVESTOCK FEEDS	84.7	84.9	84.6	106.5	106.7	106.4	100.0	100.0
20423	DOG AND CAT FOOD	77.5	78.7	76.3	102.2	103.6	100.5	100.0	100.0
20424	FEED MATERIALS	99.6	99.5	99.8	107.5	107.4	107.8	63.2	64.9
2043	CEREAL PREPARATIONS	87.6	87.6	87.5	87.6	87.6	87.5	60.9	65.6
20430	CEREAL BREAKFAST FOODS	87.6	87.6	87.5	87.6	87.6	87.5	60.9	65.6
2044	RICE MILLING	96.2	96.4	96.2	97.8	97.8	97.7	98.9	97.6
20440	RICE MILL PRODUCTS	96.2	96.4	96.2	97.8	97.8	97.7	98.9	97.6
2045	BLENDED AND PREPARED FLOUR	85.2	85.3	85.1	101.5	101.6	101.5	99.5	100.0
20455	PREPARED FLOUR AND FLOUR MIXES (TOTAL, ALL INDUSTRIES)	85.2	85.3	85.1	101.5	101.6	101.5	99.5	100.0
2046	WET CORN MILLING	86.6	86.9	86.4	101.9	102.1	101.6	98.0	99.3
20460	CORN PRODUCTS	86.6	86.9	86.4	101.9	102.1	101.6	98.0	99.3
205	BAKERY PRODUCTS	90.7	90.9	90.7	92.5	92.7	92.4	89.8	96.6
2051	BREAD AND RELATED PRODUCTS	91.7	91.7	91.7	91.7	91.7	91.7	87.4	95.7
20510	BREAD AND OTHER BAKERY PRODUCTS, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20511	BREAD AND BREAD-TYPE ROLLS	98.8	98.7	98.8	91.6	91.5	91.7	94.3	97.2
20512	SWEET YEAST GOODS, ALL TYPES	80.4	80.4	80.4	98.5	98.5	98.5	91.8	100.0
20513	SOFT CAKES	98.0	98.0	98.0	91.9	91.9	91.9	100.0	100.0
20514	PIES	104.7	104.7	104.7	88.1	88.1	88.1	100.0	100.0
20515	PASTRIES AND HANDMADE COOKIES	85.4	85.4	85.4	100.9	100.9	100.9	36.6	44.6
20517	DOUGHNUTS, CAKE TYPE (BAKING POWDER LEAVENED)	105.8	105.8	105.8	85.5	85.5	85.5	100.0	100.0
2052	BISCUIT AND CRACKERS	87.6	88.0	87.3	95.2	95.5	94.9	98.6	99.8
20520	BISCUIT, CRACKERS, AND PRETZELS, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20521	BISCUIT, CRACKERS, AND PRETZELS	103.0	103.1	102.9	88.9	89.0	88.7	100.0	100.0
20522	OTHER DRY BAKERY PRODUCTS (INCLUDING MACHINE-MADE COOKIES)	80.8	80.8	80.8	99.4	99.4	99.4	100.0	100.0
206	SUGAR	89.8	89.9	89.8	93.8	93.8	93.7	100.0	99.9
2061	RAW CANE SUGAR	112.4	112.5	112.2	93.0	93.0	93.0	100.0	100.0
20610	CANE SUGAR, EXCEPT REFINING ONLY	112.4	112.5	112.2	93.0	93.0	93.0	100.0	100.0
2062	CANE SUGAR REFINING	91.2	91.2	91.3	93.5	93.5	93.5	100.0	100.0
20620	CANE SUGAR REFINING	91.2	91.2	91.3	93.5	93.5	93.5	100.0	100.0
2063	BEET SUGAR	82.2	82.4	82.0	94.8	95.0	94.4	100.0	99.6
20630	BEET SUGAR	82.2	82.4	82.0	94.8	95.0	94.4	100.0	99.6
207	CANDY AND RELATED PRODUCTS	89.8	90.0	89.6	97.8	97.9	97.5	98.1	98.3
2071	CONFECTIONERY PRODUCTS	86.7	86.7	86.6	97.8	97.8	97.8	97.7	97.5
20710	CANDY AND OTHER CONFECTIONERY PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20711	BAR GOODS (EXCEPT SOLID CHOCOLATE BARS)	87.6	87.6	87.5	100.2	100.3	100.2	99.6	100.0
20712	5-CENT AND 10-CENT SPECIALTIES	88.4	88.4	88.4	93.7	93.7	93.7	100.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
20713	PACKAGE GOODS (EXCEPT SOLID CHOCOLATE)	75.2	75.0	75.4	102.2	101.9	102.5	99.1	100.0
20714	BULK GOODS (EXCEPT SOLID CHOCOLATE)	109.2	109.5	108.8	104.4	104.8	104.1	97.5	100.0
20715	PENNY GOODS	92.0	92.0	92.0	92.4	92.4	92.4	100.0	100.0
20716	SALTED NUTS, COUGH DROPS, CONFECTIONERY PRODUCTS, NEC	85.2	85.8	84.5	86.1	86.7	85.5	100.0	100.0
2072	CHOCOLATE AND COCOA PRODUCTS	91.1	91.2	91.0	102.8	102.9	102.7	98.4	99.7
20720	CHOCOLATE AND COCOA PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20721	CHOCOLATE COATINGS	87.2	87.1	87.3	107.4	107.3	107.5	100.0	100.0
20722	CONFECTIONERY-TYPE CHOCOLATE MADE IN CHOCOLATE PLANTS	78.4	78.4	78.4	100.2	100.2	100.2	100.0	100.0
20728	OTHER CHOCOLATE AND COCOA PRODUCTS	102.2	102.5	102.0	101.3	101.5	101.1	96.2	99.6
2073	CHEWING GUM	109.6	109.8	109.6	83.8	83.8	83.8	100.0	100.0
20730	CHEWING GUM	109.6	109.8	109.6	83.8	83.8	83.8	100.0	100.0
208	BEVERAGES	89.8	89.9	89.7	96.2	96.3	96.1	97.8	99.1
2082	MALT LIQUORS	95.7	95.7	95.7	98.3	98.2	98.3	99.7	99.6
20820	MALT LIQUORS AND BREWING BYPRODUCTS	95.7	95.7	95.7	98.3	98.2	98.3	99.7	99.6
2083	MALT	100.4	100.4	100.5	104.0	104.0	104.1	100.0	100.0
20830	MALT AND MALT BYPRODUCTS	100.4	100.4	100.5	104.0	104.0	104.1	100.0	100.0
2084	WINES AND BRANDY	69.0	69.8	68.3	98.1	99.0	96.9	89.0	95.2
20840	WINES AND BRANDY	69.0	69.8	68.3	98.1	99.0	96.9	89.0	95.2
2085	DISTILLED LIQUOR EXCEPT BRANDY	86.6	86.9	86.3	99.2	99.5	98.8	99.9	99.1
20850	DISTILLED LIQUORS, EXCEPT BRANDY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20851	DISTILLED LIQUORS, EXCEPT BRANDY	91.3	91.8	90.9	108.1	108.7	107.5	100.0	97.8
20853	BOTTLED LIQUORS	85.5	85.8	85.1	97.2	97.5	96.8	100.0	99.6
2086	BOTTLED AND CANNEED SOFT DRINKS	87.3	86.9	87.6	88.5	88.2	88.9	96.3	100.0
20860	BOTTLED AND CANNEED SOFT DRINKS	87.3	86.9	87.6	88.5	88.2	88.9	96.3	100.0
2087	FLAVORINGS	86.2	87.6	84.9	100.4	101.8	98.7	94.6	96.2
20870	FLAVORINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20871	FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS	91.1	93.1	89.0	100.0	102.1	97.7	100.0	100.0
20872	BEVERAGE BASES, EXCEPT SIRUPS AND CONCENTRATED FRUIT JUICES	52.5	52.5	52.5	123.3	123.3	123.3	100.0	100.0
20873	FLAVORING SIRUPS, FOR USE BY SOFT DRINK BOTTLERS	90.1	90.1	90.1	99.2	99.2	99.2	100.0	100.0
20874	OTHER FLAVORING EXCEPT CHOCOLATE SIRUPS	94.5	96.3	92.6	95.6	97.6	93.7	90.2	93.4
209	OTHER FOOD PREPARATIONS	85.1	86.0	84.3	114.5	115.7	113.0	92.1	93.7
2091	COTTONSEED OIL MILL PRODUCTS	134.0	133.9	134.0	117.0	117.5	116.6	95.1	98.4
20910	COTTONSEED OIL MILL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20911	COTTONSEED OIL, CRUDE	135.5	135.5	135.5	105.0	105.0	105.0	100.0	100.0
20912	COTTONSEED OIL, REFINED	142.2	142.2	142.2	135.7	135.7	135.7	100.0	100.0
20913	LINTERS	141.2	141.2	141.2	125.0	125.0	125.0	100.0	100.0
20914	COTTONSEED CAKE, AND MEAL, AND OTHER BYPRODUCTS	126.7	126.7	126.6	125.3	125.3	125.2	91.2	96.3
2092	SOYBEAN OIL MILL PRODUCTS	66.0	65.8	66.1	128.9	128.9	129.0	99.3	100.0
20920	SOYBEAN OIL MILL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20921	SOYBEAN OIL	64.9	64.7	65.0	123.0	122.7	123.6	100.0	100.0
20922	OTHER SOYBEAN OIL MILL PRODUCTS, INCLUDING CAKE AND MEAL	68.6	68.6	68.7	134.0	134.2	134.0	100.0	100.0
2093	VEGETABLE OIL MILL PRODUCTS EXCEPT COTTONSEED AND SOYBEAN	113.8	114.3	113.4	110.3	110.6	109.9	95.7	96.1
20931	LINSEED OIL	133.7	133.9	133.5	113.9	114.4	113.6	100.0	100.0
20932	VEGETABLE OILS, EXCEPT COTTONSEED, SOYBEAN, AND LINSEED	99.8	101.0	98.7	101.9	102.8	101.2	100.0	100.0
20933	OTHER VEGETABLE OIL MILL PRODUCTS, NEC	117.0	116.6	117.2	122.4	122.1	122.5	81.2	82.3
2094	GREASE AND TALLOW	92.6	93.8	91.2	89.6	90.7	88.3	96.9	96.0
20940	GREASE AND TALLOW, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
20941	GREASE AND INEDIBLE TALLOW	87.8	87.8	87.8	84.2	84.2	84.2	100.0	100.0
20942	FEED AND FERTILIZER BYPRODUCTS	100.7	104.2	97.1	96.8	100.2	93.4	97.3	94.0
2095	ANIMAL OILS, NEC	86.5	88.5	84.5	97.3	99.7	95.2	42.5	57.5
20950	ANIMAL AND MARINE FATS AND OILS, EXCEPT GREASE AND TALLOW	86.5	88.5	84.5	97.3	99.7	95.2	42.5	57.5
2096	SHORTENING AND COOKING OILS	90.2	90.7	89.8	108.6	109.1	108.0	98.8	100.0
20961	SHORTENING AND COOKING OILS	91.2	91.7	90.7	108.8	109.4	108.1	98.8	100.0
20962	MARGARINE	87.2	87.3	87.1	108.0	108.0	107.9	98.6	100.0
2097	MANUFACTURED ICE	134.0	134.2	133.9	86.1	86.2	86.0	77.0	81.9
20970	MANUFACTURED ICE,	134.0	134.2	133.9	86.1	86.2	86.0	77.0	81.9
2098	MACARONI AND SPAGHETTI	91.2	91.2	91.3	100.2	100.2	100.3	94.3	96.6
20980	MACARONI AND SPAGHETTI,	91.2	91.2	91.3	100.2	100.2	100.3	94.3	96.6

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
2099	FOOD PREPARATIONS, NEC	78.9	79.8	78.1	119.0	120.3	117.6	88.4	89.8
20990	MISCELLANEOUS FOODS, NSK	38.3	38.5	38.1	98.9	99.2	98.0	100.0	100.0
20991	DESSERTS (READY-TO-MIX)	93.1	92.8	93.5	95.2	94.9	95.6	100.0	100.0
20992	CHIPS (POTATO, CORN, ETC.)	69.3	69.4	69.3	89.8	89.8	89.8	100.0	100.0
20993	SWEETENING SIRUPS AND MOLASSES	102.4	102.5	102.1	84.8	84.9	84.7	100.0	100.0
20994	BAKING POWDER AND YEAST	88.0	89.8	86.3	96.2	98.0	94.3	77.3	84.2
20995	ROASTED COFFEE	79.1	80.0	78.4	135.0	136.2	133.3	100.0	100.0
20996	VINEGAR AND CIDER	99.7	102.4	97.0	94.2	96.7	91.7	86.1	92.6
20999	OTHER FOOD PREPARATIONS, NEC	88.8	89.9	87.7	94.5	95.6	93.3	50.1	49.6
21	TOBACCO PRODUCTS	93.2	94.4	91.8	94.2	95.5	92.6	100.0	100.0
211	CIGARETTES	79.9	82.4	77.5	95.4	98.1	92.2	100.0	100.0
2111	CIGARETTES	79.9	82.4	77.5	95.4	98.1	92.2	100.0	100.0
21110	CIGARETTES	79.9	82.4	77.5	95.4	98.1	92.2	100.0	100.0
212	CIGARS	92.5	92.5	92.5	102.6	102.6	102.6	99.8	100.0
2121	CIGARS	92.5	92.5	92.5	102.6	102.6	102.6	99.8	100.0
21210	CIGARS	92.5	92.5	92.5	102.6	102.6	102.6	99.8	100.0
213	CHEWING AND SMOKING TOBACCO	107.3	107.3	107.3	84.0	84.0	84.0	99.9	100.0
2131	CHEWING AND SMOKING TOBACCO	107.3	107.3	107.3	84.0	84.0	84.0	99.9	100.0
21310	CHEWING AND SMOKING TOBACCO AND SNUFF	107.3	107.3	107.3	84.0	84.0	84.0	99.9	100.0
214	TOBACCO STEMMING AND REDRYING	112.6	112.0	113.3	90.9	89.6	92.0	100.0	100.0
2141	TOBACCO STEMMING AND REDRYING	112.6	112.0	113.3	90.9	89.6	92.0	100.0	100.0
21411	TOBACCO REDRIED	138.5	136.8	140.3	84.2	77.2	88.2	100.0	100.0
21412	TOBACCO STEMMED	99.3	99.1	99.4	93.7	93.4	94.1	100.0	100.0
22	TEXTILE MILL PRODUCTS	93.6	93.9	93.3	105.3	105.8	104.8	93.5	96.2
221	WEAVING MILLS, COTTON	100.0	100.4	99.5	103.3	103.7	103.0	98.5	99.9
2211	WEAVING MILLS, COTTON	100.0	100.4	99.5	103.3	103.7	103.0	98.5	99.9
22110	OTHER FABRICATED COTTON TEXTILE PRODUCTS (INCL FABRICS, NSK)	83.1	87.0	79.6	108.8	112.1	105.5	65.6	100.0
22111	COTTON DUCK AND ALLIED FABRICS	119.8	119.8	119.8	112.1	112.1	112.1	100.0	100.0
22112	COTTON SHEETING AND ALLIED COARSE AND MEDIUM YARN FABRICS	107.9	107.9	107.9	99.5	99.5	99.5	100.0	100.0
22113	COTTON PRINT CLOTH YARN FABRICS	120.9	120.9	120.9	99.2	99.2	99.2	100.0	100.0
22114	COTTON COLORED YARN FABRICS, TOWELING, ETC INCL BLANKETING	119.3	119.2	119.3	98.2	98.2	98.1	100.0	100.0
22115	FINE COTTON FABRICS	85.6	85.6	85.6	106.8	106.8	106.8	100.0	100.0
22116	OTHER WOVEN COTTON FABRICS AND SPECIALTIES	98.3	98.3	98.3	107.2	107.2	107.2	100.0	100.0
22117	FINISHED COTTON BROAD WOVEN FABRICS (EXCL. COMM FINISHING)	84.0	84.4	83.7	107.1	107.4	106.7	98.4	99.4
222	WEAVING MILLS, SYNTHETICS	87.4	87.6	87.3	109.6	109.9	109.5	98.7	100.0
2221	WEAVING MILLS, SYNTHETICS	87.4	87.6	87.3	109.6	109.9	109.5	98.7	100.0
22210	MAN-MADE FIBER AND SILK BROAD WOVEN FAB IN THE GRAY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22211	RAYON AND/OR ACETATE PILE, UPHOLSTERY, ETC FAB (GRAY GOODS)	49.2	48.5	49.7	114.8	114.9	114.4	100.0	100.0
22212	100% FILAMENT RAYON AND/OR ACETATE FABRICS (GRAY GOODS)	121.7	121.7	121.7	104.4	104.4	104.4	100.0	100.0
22213	100% SPUN RAYON AND/OR ACETATE FABRICS	106.2	106.2	106.2	116.6	116.6	116.6	100.0	100.0
22214	COMBINATION FILAMENT AND SPUN RAYON AND/OR ACETATE FABRICS	97.6	97.6	97.6	87.9	87.9	87.9	100.0	100.0
22215	RAYON AND/OR ACETATE MIXTURES WITH OTHER FABRICS	86.1	86.1	86.1	94.5	94.5	94.5	100.0	100.0
22216	NYLON AND CHIEFLY NYLON FABRICS	125.0	125.0	125.0	121.7	121.7	121.7	100.0	100.0
22217	SILK AND MAN-MADE FIBER FABRICS, NEC	66.2	66.2	66.2	119.5	119.5	119.5	100.0	100.0
22219	FINISHED BLANKETS	85.3	85.6	85.0	97.7	97.9	97.3	100.0	100.0
223	WEAVING, FINISHING MILLS, WOOL	112.6	112.6	112.5	105.3	105.7	104.9	97.3	99.4
2231	WEAVING, FINISHING MILLS, WOOL	112.6	112.6	112.5	105.3	105.7	104.9	97.3	99.4
22310	WOOLEN AND WORSTED FABRICS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22311	FINISHED WOOL YARNS, ETC, NOT COMBED OR SPUN AT SAME ESTAB	196.9	196.9	196.9	116.8	116.8	116.8	100.0	100.0
22312	WOOL FABRICS, GRAY GOODS	101.8	101.8	101.8	102.9	102.9	102.9	100.0	100.0
22313	FINISHED WOOL APPAREL FABRICS (EXCL COMMISSION FINISHING)	115.5	115.5	115.5	108.2	108.2	108.2	100.0	100.0
22314	FINISHED WOOL NONAPPAREL FAB AND FELTS (EXCL COMM FINISHING)	170.9	170.4	171.5	80.6	81.6	80.0	100.0	100.0
22319	WOOL AND CHIEF WOOL BED AND CAMP BLANKETS, MOTOR ROBES ETC	159.2	159.2	159.2	116.4	116.4	116.4	100.0	100.0
224	NARROW FABRIC MILLS	95.2	95.6	95.0	96.7	97.0	96.4	55.3	57.3
2241	NARROW FABRIC MILLS	95.2	95.6	95.0	96.7	97.0	96.4	55.3	57.3
22410	NARROW FABRICS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22411	WOVEN NARROW FABRICS	101.5	101.5	101.4	94.2	94.1	94.2	50.4	53.5
22414	BRAIDED NARROW FABRICS	102.8	102.8	102.8	95.2	95.2	95.2	58.6	52.4
22415	COVERED RUBBER THREAD	76.9	76.9	76.9	109.9	109.9	109.9	100.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Gross weights	1958 weights	1954 weights	Gross weights	1958 weights	1954 weights		
225	KNITTING MILLS	82.0	81.5	82.5	103.7	103.1	104.4	93.6	95.6
2251	FULL-FASHIONED HOSIERY MILLS	126.7	126.9	126.7	125.6	125.8	125.6	97.2	99.8
22511	FINISHED FULL-FASHIONED HOSIERY	125.6	125.8	125.6	125.3	125.3	125.2	96.1	99.7
22512	FULL-FASHIONED HOSIERY SHIPPED IN THE GREIGE,	129.9	129.9	129.9	126.7	126.9	126.7	100.0	100.0
2252	SEAMLESS HOSIERY MILLS	74.2	74.9	73.6	97.9	98.7	97.0	96.0	100.0
22520	SEAMLESS HOSIERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22521	WOMEN'S FINISHED SEAMLESS HOSIERY, EXCEPT ANKLETS	36.6	36.5	36.7	100.3	100.2	100.6	98.7	100.0
22522	MEN'S FINISHED SEAMLESS HOSIERY	113.0	114.8	111.4	102.2	104.0	100.8	98.6	100.0
22523	ALL OTHER FINISHED SEAMLESS HOSIERY, INCLUDING ANKLETS	96.1	96.1	96.1	90.8	90.8	90.8	97.1	100.0
22524	SEAMLESS HOSIERY SOLO AS GREIGE (OR GRAY) GOODS	42.6	43.4	41.9	98.5	99.6	96.1	94.7	100.0
2253	KNIT OUTERWEAR MILL PRODUCTS	71.4	71.6	71.3	98.8	99.0	98.6	85.2	86.7
22530	KNIT OUTERWEAR PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22531	SWEATERS, JACKETS, JERSEYS, AND PULLOVERS MADE IN KNIT MILLS	66.8	67.2	66.5	98.0	98.4	97.4	94.5	92.6
22532	KNIT OUTERWEAR SPORT SHIRTS MADE IN KNITTING MILLS	81.1	81.2	81.0	98.9	98.9	98.8	93.3	94.4
22533	OTHER KNIT OUTERWEAR PRODUCTS MADE IN KNITTING MILLS	77.8	77.8	77.8	106.5	106.5	106.5	41.7	72.4
2254	KNIT UNDERWEAR MILL PRODUCTS	84.9	84.9	84.8	95.0	95.0	94.9	100.0	98.8
22540	KNIT UNDER AND NIGHT WEAR MADE IN KNIT MILLS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22541	MEN'S AND BOYS KNIT UNDERWEAR AND NIGHTWEAR MADE IN KNIT MILLS	83.5	83.7	83.5	88.4	88.5	88.3	100.0	100.0
22542	WOMEN AND CHILD KNIT UNDERWEAR MADE IN KNIT MILLS	86.5	86.5	86.5	104.0	104.0	104.0	100.0	100.0
22543	WOMEN'S AND CHILDREN'S KNIT NIGHTWEAR MADE IN KNITTING MILLS	80.1	80.1	80.1	103.2	103.2	103.2	100.0	100.0
2256	KNIT FABRIC MILL PRODUCTS	73.4	73.6	73.3	103.8	104.1	103.6	100.0	97.4
22560	KNIT FABRICS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22561	WARP-KNIT FABRICS (INCLUDING RASCHEL)	68.8	68.8	68.8	117.4	117.4	117.4	100.0	100.0
22562	CIRCULAR FABRICS (INCLUDING RASCHEL)	74.1	74.1	74.1	92.3	92.3	92.3	100.0	100.0
2259	KNITTING MILL PRODUCTS NEC	78.6	79.7	77.3	91.2	92.7	89.8	33.0	42.7
22590	KNIT GLOVES & KNIT PRODUCTS NEC MADE IN SAME ESTAB	78.6	79.7	77.3	91.2	92.7	89.8	33.0	42.7
226	TEXTILE FINISHING, EXCEPT WOOL	66.3	67.9	64.9	106.7	108.3	104.7	85.1	92.8
2262	FINISHING PLANT PRODUCTS, SYNTHETICS	54.9	55.9	54.1	112.6	113.6	111.2	91.1	94.7
22620	FIN MAN-MADE FAB AND SILK BR WOV, USE COMM RECEIPTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22628	FIN MAN-MADE FAB AND SILK BROAD WOVEN GOODS	56.7	57.7	55.8	112.6	113.6	111.2	94.5	94.7
2269	FINISHING PLANT PRODUCTS NEC	84.0	85.3	82.9	99.5	100.9	98.1	77.9	90.7
22690	FIN YARN, RAW STK, ETC, EXC KNIT & WOOL NEC	84.0	85.3	82.9	99.5	100.9	98.1	77.9	90.7
227	FLOOR COVERING MILLS	72.8	75.5	70.4	110.7	114.2	106.3	94.1	98.6
2271	WOVEN CARPETS AND RUGS	117.8	118.6	117.1	98.7	99.4	98.2	98.9	100.0
22711	WOVEN CARPETS AND RUGS, CHIEFLY WOOL PILE YARNS	121.4	122.9	119.8	102.1	103.5	101.0	99.0	100.0
22712	WOV CARPETS & RUGS, CHIEFLY COTTON OR MAN MADE FIB PILE YARN	87.0	86.7	87.5	66.1	63.7	68.6	98.1	100.0
2272	TUFTED CARPETS AND RUGS	40.7	40.7	40.7	128.5	128.7	128.4	98.8	100.0
22720	TUFTED CARPETS AND RUGS	40.7	40.7	40.7	128.5	128.7	128.4	98.8	100.0
2279	CARPETS AND RUGS, NEC	41.1	41.1	41.1	102.8	102.8	102.8	34.4	63.5
22790	CARPETS, RUGS, AND MATS, NEC	41.1	41.1	41.1	102.8	102.8	102.8	34.4	63.5
228	YARN AND THREAD MILLS	94.7	95.1	94.4	107.9	108.8	106.7	94.3	96.2
2281	YARN MILLS, EXCEPT WOOL	96.0	96.2	95.7	104.0	104.4	103.4	97.8	100.0
22810	COTTON AND MAN MADE FIBER SPUN YARNS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22811	CARDED COTTON YARNS MADE IN YARN MILLS, EXCEPT WOOL	110.4	110.4	110.4	100.2	99.9	100.4	100.0	100.0
22812	COMBED COTTON YARNS MADE IN YARN MILLS, EXCEPT WOOL	77.3	77.3	77.3	102.8	102.9	102.7	100.0	100.0
22813	RAYON AND/OR ACETATE SPUN YARNS MADE IN YARN MILLS EXC WOOL	88.3	88.1	88.3	103.5	103.4	103.6	100.0	100.0
22814	OTHER SPUN MAN-MADE FIB AND SILK YNS	58.8	58.6	58.9	116.7	116.3	117.1	100.0	100.0
2282	THROWING AND WINDING MILL PRODUCTS	92.8	95.2	90.7	115.1	119.3	105.2	66.2	51.1
22821	THROWN FILAMENT YARNS, INCLUDING TEXTURED YARNS	93.8	95.8	92.3	115.1	119.3	105.2	94.2	100.0
22822	REWOOUND, ETC YNS, OTH THAN WL, NCT SPUN OR THROWN SAME EST	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2283	WOOL YARN MILLS	90.9	90.3	91.4	119.3	118.8	120.0	100.0	100.0
22831	WOOL YARNS, EXCEPT CARPET	94.0	93.4	94.5	122.1	121.8	122.4	100.0	100.0
22832	WOOL CARPET (WEAVING AND TUFTING) YARN	79.1	79.1	79.1	113.1	113.1	113.1	100.0	100.0
2284	THREAD MILLS	97.5	98.9	96.2	106.4	108.0	104.7	95.2	100.0
22840	THREAD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22841	FINISHED THREAD FOR USE IN THE HOME	153.1	154.6	151.5	104.7	105.8	104.0	100.0	100.0
22842	FINISHED THREAD FOR INDUSTRIAL OR MANUFACTURERS USE	86.3	87.4	85.3	112.7	114.4	110.9	98.7	100.0
22843	UNFINISHED THREAD	109.9	109.9	110.0	89.4	89.4	89.4	100.0	100.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
229	MISCELLANEOUS TEXTILE GOODS	97.2	97.0	97.5	104.4	104.5	104.3	85.9	91.1
2291	FELT GOODS, NEC	98.8	100.1	97.5	95.4	96.9	94.1	95.7	100.0
22910	FELT GOODS, NEC, EXCEPT WOVEN FELTS AND HATS	98.8	100.1	97.5	95.4	96.9	94.1	95.7	100.0
2292	LACE GOODS	87.0	87.0	87.0	114.2	114.2	114.2	50.0	73.2
22920	LACE GOODS	87.0	87.0	87.0	114.2	114.2	114.2	50.0	73.2
2293	PADDING AND UPHOLSTERY FILLING	102.1	101.3	102.9	106.3	105.4	107.0	92.0	100.0
22930	PADDING AND UPHOLSTERY FILLING	102.1	101.3	102.9	106.3	105.4	107.0	92.0	100.0
2294	PROCESSED TEXTILE WASTE	120.2	118.5	122.1	85.8	84.4	87.0	77.5	77.1
22940	PROCESSED WASTE AND RECOVERED FIBERS AND FLOCK	120.2	118.5	122.1	85.8	84.4	87.0	77.5	77.1
2295	COATED FABRIC, NOT RUBBERIZED	86.7	87.2	86.1	98.5	99.3	97.8	73.9	83.2
22950	COATED FABRICS EXCEPT RUBBERIZED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22951	PYROXYLIN-COATED MATERIALS (EXCEPT PAPER)	129.2	131.2	127.1	93.5	95.1	92.2	96.6	100.0
22952	RESIN-COATED FABRICS	92.2	92.4	92.0	101.1	101.5	100.8	97.7	100.0
22953	OTHER IMPREGNATED AND COATED FABRICS (EXCEPT RUBBER COATED)	64.3	64.3	64.3	95.1	95.1	95.1	31.8	28.2
2296	TIRE CORD AND FABRIC	91.0	91.1	90.9	109.2	109.3	109.1	100.0	100.0
22960	TIRE CORD AND TIRE FABRICS	91.0	91.1	90.9	109.2	109.3	109.1	100.0	100.0
2297	SCOURING AND COMBING PLANTS	111.7	109.4	113.5	114.2	109.5	119.3	88.5	93.2
22970	SCOURING AND COMBING MILL PRODUCTS	111.7	109.4	113.5	114.2	109.5	119.3	88.5	93.2
2298	CORDAGE AND TWINE	112.6	114.0	111.4	107.1	108.6	105.9	84.6	90.9
22980	CORDAGE AND TWINE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
22981	HARD FIBER CORDAGE AND TWINE	119.5	119.0	119.9	103.8	103.4	104.2	97.3	100.0
22982	SOFT FIBER CORDAGE AND TWINE, EXCEPT COTTON	109.6	116.3	104.1	113.5	119.8	107.2	78.5	65.6
22983	COTTON CORDAGE AND TWINE	120.9	120.8	121.1	107.5	107.4	107.6	85.0	100.0
2299	TEXTILE GOODS, NEC	78.3	79.1	77.5	102.7	103.6	101.5	78.0	76.0
22990	TEXTILE GOODS, NSK	46.1	46.3	45.8	104.6	104.9	103.8	100.0	100.0
22992	JUTE GOODS, (EXCEPT JUTE FELTS), LINEN GOODS, ETC. NEC	122.0	122.2	121.7	99.9	100.2	99.7	49.8	63.8
23	APPAREL AND RELATED PRODUCTS	92.4	92.9	91.9	99.0	99.4	98.4	88.5	88.8
231	MENS AND BOYS SUITS AND COATS	96.2	96.3	96.0	96.3	96.5	96.2	98.2	96.6
2311	MENS AND BOYS SUITS AND COATS	96.2	96.3	96.0	96.3	96.5	96.2	98.2	96.6
23110	MEN'S AND BOYS SUITS, COATS, AND OVERCOATS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23111	MEN'S SUITS	99.6	99.7	99.4	96.0	96.2	95.9	100.0	99.2
23112	MEN'S OVERCOATS AND TOPCOATS	102.6	102.9	102.4	96.4	96.6	96.2	100.0	99.5
23113	MEN'S TAILORED DRESS AND SPORT COATS AND JACKETS	75.5	75.7	75.3	97.3	97.5	97.0	100.0	97.7
23114	BOYS SUITS, COATS, AND TAILORED JACKETS	87.4	87.4	87.5	97.8	97.8	97.8	100.0	100.0
232	MENS AND BOYS FURNISHINGS	94.6	95.0	94.3	97.4	97.8	97.0	93.2	95.7
2321	MENS DRESS SHIRTS & NIGHTWEAR	100.2	100.3	100.2	97.0	97.0	97.0	100.0	98.4
23210	MEN'S DRESS AND SPORT SHIRTS AND NIGHTWEAR,NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23212	MENS AND BOYS KNIT OUTERWEAR SPORT SHIRTS MADE CUT SEW SHOP	86.9	86.9	86.9	98.1	98.1	98.1	100.0	100.0
23214	MEN'S AND BOYS' WOVEN DRESS AND SPORT SHIRTS	100.1	100.1	100.1	96.4	96.4	96.4	100.0	99.3
23215	MEN'S AND BOYS' NIGHTWEAR MADE FROM KNIT FABRICS	99.5	99.5	99.5	100.9	100.9	100.9	100.0	100.0
2322	MENS AND BOYS UNDERWEAR	99.3	99.2	99.5	92.5	92.4	92.7	100.0	98.1
23221	MEN AND BOYS UNDERWEAR MADE IN CUT-AND-SEW SHOPS	99.3	99.2	99.5	92.5	92.4	92.7	100.0	98.1
2323	MENS AND BOYS NECKWEAR	121.4	121.5	121.1	93.0	93.2	92.9	84.9	100.0
23230	MEN'S AND BOYS' NECKWEAR	121.4	121.5	121.1	93.0	93.2	92.9	84.9	100.0
2327	SEPARATE TROUSERS	82.0	82.9	81.2	103.3	104.2	102.1	100.0	97.4
23271	MEN'S AND BOYS' SEPERATE DRESS AND SPORT TROUSERS	82.0	82.9	81.2	103.3	104.2	102.1	100.0	97.4
2328	WORK CLOTHING	97.6	97.7	97.5	96.4	96.5	96.3	91.1	98.9
23281	MEN'S AND BOYS' WORK SHIRTS	127.2	127.2	127.2	90.8	90.8	90.8	100.0	100.0
23282	MEN'S AND BOYS' WORK CLOTHING AND WASHABLE SERVICE APPAREL	92.5	92.4	92.5	97.7	97.7	97.8	89.5	98.7
2329	MENS AND BOYS CLOTHING, NEC	85.8	86.0	85.6	94.4	94.7	94.3	71.0	76.5
23290	MEN'S AND BOYS' OUTERWEAR, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23291	MEN'S AND BOYS' HEAVY OUTERWEAR COATS AND JACKETS	83.6	83.6	83.6	94.3	94.3	94.3	86.6	98.0
23292	MENS AND BOYS OUTERWEAR NEC MADE IN CUT-AND-SEW SHOPS	82.4	83.5	81.4	95.1	96.2	93.8	46.5	46.7
233	WOMENS AND MISSES OUTERWEAR	93.9	93.9	93.8	98.9	98.9	98.8	89.7	90.5
2331	BLOUSES, WAISTS, AND SHIRTS	91.0	91.0	91.0	96.2	96.2	96.2	91.1	94.6
23312	WOM MISS AND JUN KNIT OUTER SPORT SHIRTS MADE CUT SEW SHOP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23317	BLOUSES, WAISTS, AND SHIRTS EXCEPT KNIT	94.5	94.5	94.5	96.2	96.2	96.2	100.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
2335	DRESSES	95.2	95.2	95.2	95.5	95.5	95.5	100.0	99.0
23350	WOMEN'S, MISSES', AND JUNIORS' DRESSES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23351	WOMEN'S, MISSES' AND JUNIORS' DRESSES SOLO AT A UNIT PRICE	94.6	94.6	94.6	94.4	94.4	94.4	100.0	100.0
23352	WOMEN'S, MISSES' AND JUNIORS' DRESSES SOLO AT A DOZEN PRICE	93.5	93.5	93.5	100.0	100.0	100.0	100.0	100.0
2337	WOMENS SUITS, COATS & SKIRTS	102.4	102.5	102.2	104.1	104.2	104.0	92.8	91.5
23370	WOMEN'S, MISSES', AND JUNIORS' SUITS, COATS AND SKIRTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23371	WOMEN'S, MISSES', AND JUNIORS' COATS EXCEPT FUR	94.4	94.4	94.4	110.0	110.0	110.0	95.6	97.2
23372	WOMEN'S, MISSES', AND JUNIORS' SUITS	132.8	132.8	132.8	99.4	99.4	99.4	96.4	97.9
23374	WOMEN'S, MISSES', AND JUNIORS' SKIRTS AND JACKETS	89.4	89.4	89.4	98.0	98.0	98.0	100.0	100.0
2339	WOMENS OUTERWEAR, NEC	66.0	66.1	65.9	107.4	107.5	107.3	41.3	39.8
23392	WOMEN'S, MISSES', AND JUNIORS' WASHABLE SERVICE APPAREL	57.0	57.0	57.0	108.3	108.3	108.3	100.0	100.0
23393	WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, NEC	68.9	69.0	68.9	106.5	106.6	106.4	24.9	25.7
234	WOMENS UNDERGARMENTS	90.6	90.7	90.6	102.0	102.1	102.0	96.5	92.4
2341	WOMENS & CHILDRENS UNDERWEAR AND NIGHTWEAR	92.7	92.8	92.6	105.7	105.8	105.7	97.4	90.6
23410	WOMENS, MISSES, AND CHILDRENS NIGHTWEAR AND UNDERWEAR, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23412	WOMEN MISS CHILD AND INFANT UNDERWEAR MA IN CUT-AND-SEW SHOP	96.8	96.9	96.7	106.3	106.4	106.0	100.0	92.3
23413	MADE IN CUT-AND-SEW SHOPS NIGHTWEAR WOMEN, MISSES AND CHILD	83.8	83.8	83.8	104.8	104.8	104.8	100.0	95.8
2342	CORSETS AND ALLIED GARMENTS	86.7	86.7	86.9	95.6	95.5	95.7	94.9	96.1
23420	CORSET AND ALLIED GARMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23421	BRASSIERES AND BANDEAUX	92.3	92.3	92.3	93.5	93.5	93.5	99.3	99.3
23422	CORSETS, GIRDLES, COMBINATIONS AND ACCESSORIES	83.1	82.6	83.4	98.4	98.0	98.9	94.6	93.8
235	MILLINERY, HATS AND CAPS	101.0	101.3	100.7	97.0	97.3	96.7	80.3	84.1
2351	MILLINERY	87.8	87.5	88.1	104.4	104.1	104.7	70.9	78.2
23510	MILLINERY TRIMMED HATS MADE FROM HAT BODIES	87.8	87.5	88.1	104.4	104.1	104.7	70.9	78.2
2352	HATS AND CAPS	116.3	116.7	115.7	90.8	91.2	90.5	91.5	90.1
23521	HATS AND HAT BODIES (EXCEPT CLOTH AND MILLINERY)	118.3	118.6	118.2	93.8	94.0	93.6	97.7	96.1
23522	CLOTH HATS AND CAPS	114.0	114.9	113.1	85.6	86.4	85.0	82.6	80.4
236	CHILDRENS OUTERWEAR	81.7	81.8	81.6	107.8	107.9	107.6	90.4	82.1
2361	CHILDRENS DRESSES	84.9	84.7	85.0	101.0	100.9	101.1	96.9	85.3
23610	DRESSES, BLOUSES, WAISTS, AND SHIRTS, EXCEPT KNIT	85.9	85.8	86.0	101.0	100.9	101.1	96.7	84.5
23612	KNIT SPORT SHIRTS MADE IN CUT-AND-SEW SHOPS	68.9	68.9	68.9	101.2	101.2	101.2	100.0	100.0
2363	CHILDRENS COATS AND SUITS	97.3	97.3	97.3	108.7	108.7	108.7	100.0	87.2
23630	GIRLS, CHILDRENS AND INFANTS COATS, SNOW SUITS, ETC	97.3	97.3	97.3	108.7	108.7	108.7	100.0	87.2
2369	CHILDRENS OUTERWEAR, NEC	69.1	69.1	69.1	116.6	116.6	116.6	77.9	74.6
23690	GIRLS', CHILDREN'S AND INFANTS' OUTERWEAR, NEC,	69.1	69.1	69.1	116.6	116.6	116.6	77.9	74.6
237	FUR GOODS	81.7	81.7	81.7	98.7	98.7	98.7	100.0	100.0
2371	FUR GOODS	81.7	81.7	81.7	98.7	98.7	98.7	100.0	100.0
23710	FUR COATS AND OTHER FUR GOODS	81.7	81.7	81.7	98.7	98.7	98.7	100.0	100.0
238	MISCELLANEOUS APPAREL	102.1	105.8	98.3	92.7	96.2	89.4	82.6	86.9
2381	FABRIC DRESS AND WORK GLOVES	114.8	115.2	114.5	84.7	84.9	84.4	100.0	100.0
23811	FABRIC DRESS GLOVES AND MITTENS MADE IN CUT-AND-SEW SHOPS	131.9	132.5	131.2	81.9	82.4	81.6	100.0	100.0
23812	FABRIC WORK GLOVES AND MITTENS MADE IN CUT-AND-SEW SHOPS	106.0	106.0	106.0	86.3	86.3	86.3	100.0	100.0
2384	ROBES AND DRESSING GOWNS	85.3	93.0	78.4	102.6	111.6	94.1	84.2	95.7
23840	ROBES AND DRESSING GOWNS, EXCEPT CHILDREN'S	85.3	93.0	78.4	102.6	111.6	94.1	84.2	95.7
2385	WATERPROOF OUTERGARMENTS	88.1	93.5	83.1	103.8	109.3	97.2	84.8	75.5
23850	RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS,	88.1	93.5	83.1	103.8	109.3	97.2	84.8	75.5
2386	LEATHER AND SHEEPLINED CLOTHING	101.5	96.0	108.1	89.0	83.6	94.2	84.9	93.4
23860	LEATHER AND SHEEP-LINED CLOTHING	101.5	96.0	108.1	89.0	83.6	94.2	84.9	93.4
2387	APPAREL BELTS	137.9	140.1	135.5	83.8	85.5	82.7	87.5	92.7
23870	APPAREL BELTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
23871	LEATHER BELTS MADE FOR SALE SEPARATELY	118.1	118.5	117.6	92.8	93.1	92.5	95.8	100.0
23872	BELTS, OTHER THAN LEATHER	179.5	179.9	179.2	71.6	71.7	71.5	93.4	100.0
2389	APPAREL, NEC	100.4	101.8	98.7	89.4	90.9	88.1	51.0	64.0
23890	APPAREL, NEC	100.4	101.8	98.7	89.4	90.9	88.1	51.0	64.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
239	FABRICATED TEXTILES, NEC	87.7	88.2	87.2	100.1	100.7	99.5	72.7	74.7
2391	CURTAINS AND DRAPERIES	68.4	68.5	68.2	104.5	105.0	103.8	76.4	78.9
23910	CURTAINS AND DRAPERIES, EXCEPT LACE	68.4	68.5	68.2	104.5	105.0	103.8	76.4	78.9
2392	HOUSEFURNISHINGS, NEC FROM PURCHASED FABRICS	80.1	80.3	79.9	100.2	100.4	99.8	82.0	83.2
23920	OTHER HOUSEFURNISHINGS (PILLOWS, SLIPCOVERS, ETC)	85.3	85.7	85.0	93.3	93.6	92.9	61.3	59.9
23926	BEDSPREADS AND BED SETS MADE IN OTHER INDUSTRIES	70.2	71.1	69.5	113.6	114.5	112.4	89.7	100.0
23928	SHEETS AND PILLOWCASES	79.4	79.4	79.4	99.8	99.8	99.8	99.0	99.6
23929	TOWELS AND WASH CLOTHS	80.1	80.1	80.2	103.7	103.7	103.8	97.2	97.0
2393	TEXTILE BAGS	127.2	127.4	127.2	94.4	94.5	94.3	89.6	95.7
23930	TEXTILE BAGS, EXCEPT LAUNDRY, WAREHOUSE, AND SHOE	127.2	127.4	127.2	94.4	94.5	94.3	89.6	95.7
2394	CANVAS PRODUCTS	106.2	106.2	106.2	102.4	102.4	102.4	2.7	3.0
23940	CANVAS PRODUCTS	106.2	106.2	106.2	102.4	102.4	102.4	2.7	3.0
2397	SCHIFFLI MACHINE EMBROIDERIES	91.3	91.8	90.9	104.4	104.9	103.8	100.0	100.0
23970	SCHIFFLI MACHINE EMBROIDERIES	91.3	91.8	90.9	104.4	104.9	103.8	100.0	100.0
2398	TRIMMINGS AND STITCHING	99.3	99.9	98.7	97.8	98.4	97.3	87.9	89.3
23980	TRIMMINGS ART GOODS AND NEEDLEWORK, NSK	68.5	68.9	68.1	98.2	98.6	97.6	100.0	100.0
23981	AUTOMOBILES AND FURNITURE TRIMMINGS	96.2	96.7	95.7	98.1	98.6	97.6	100.0	100.0
23982	MEN'S AND BOYS' SUIT AND COAT FINDINGS, HATTERS FUR ETC.	103.2	103.2	103.2	89.0	89.0	89.0	13.5	19.2
23983	OTHER TRIMMINGS AND FINDINGS	140.8	141.4	140.1	98.0	98.6	97.6	100.0	100.0
23984	EMBROIDERIES (EXCEPT SCHIFFLI MACHINE) STAMPED ART GOODS,	92.6	93.1	92.1	98.1	98.6	97.6	100.0	100.0
2399	TEXTILE PRODUCTS, NEC	75.1	74.9	75.2	111.7	111.5	112.0	32.9	35.9
23990	FABRICATED TEXTILE PRODUCTS, NEC	75.1	74.9	75.2	111.7	111.5	112.0	32.9	35.9
24	LUMBER AND WOOD PRODUCTS	98.1	98.7	97.5	99.0	99.6	98.3	81.6	86.5
241	LOGGING CAMPS AND CONTRACTORS	101.7	101.9	101.6	94.3	94.4	94.2	79.4	85.0
2411	LOGGING CAMPS AND CONTRACTORS	101.7	101.9	101.6	94.3	94.4	94.2	79.4	85.0
24111	LOGS, BOLTS, AND PULPWOOD	101.7	101.9	101.6	94.3	94.4	94.2	79.4	85.0
242	SAWMILLS AND PLANING MILLS	106.6	106.6	106.6	99.0	99.0	99.0	87.5	93.2
2421	SAWMILLS AND PLANING MILLS	108.0	108.0	108.0	99.2	99.2	99.2	90.2	95.5
24210	SAWMILL AND PLANING MILL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24211	ROUGH LUMBER AND SAWED TIES	114.7	114.8	114.5	100.5	100.7	100.5	92.8	99.7
24212	DRESSED LUMBER	110.9	110.9	110.9	98.5	98.5	98.5	100.0	100.0
24217	SOFTWOOD CUT STOCK	66.0	66.3	65.6	94.3	94.7	93.7	82.8	100.0
24218	SOFTWOOD FLOORING AND OTHER MILL PRODUCTS, NEC	66.8	66.8	66.8	101.2	101.2	101.2	45.8	70.2
2426	HARDWOOD DIMENSION AND FLOORING MILLS	110.0	110.1	109.9	98.5	98.7	98.4	77.0	86.8
24261	HARDWOOD FLOORING	117.1	117.4	116.8	101.4	101.6	101.1	95.4	100.0
24262	HARDWOOD DIMENSION STOCK, FURNITURE PARTS AND VEHICLE STOCK	102.9	102.7	103.1	91.0	90.8	91.2	50.4	62.6
2429	SPECIAL PRODUCT SAWMILLS, NEC	75.0	76.7	73.3	92.5	94.3	89.7	53.2	41.7
24290	SHINGLES, COPPERAGE STOCK AND EXCELSIOR	75.0	76.7	73.3	92.5	94.3	89.7	53.2	41.7
243	MILLWORK AND RELATED PRODUCTS	83.1	84.1	82.0	101.6	102.8	100.2	85.8	88.1
2431	MILLWORK PLANTS	95.9	96.2	95.4	98.7	99.1	98.2	74.4	80.9
24310	MILLWORK PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24311	WINDOW UNITS, WOOD	97.9	97.9	97.9	87.3	87.3	87.3	98.1	100.0
24312	WOOD WINDOW SASH, INCL COMBINATION SCREEN AND STORM SASH	138.5	137.2	140.1	88.0	87.0	88.8	92.1	97.7
24313	WOOD WINDOW AND DOOR FRAMES	112.9	112.9	112.9	97.3	97.3	97.3	100.0	100.0
24314	DOORS, WOOD (PANEL & FLUSH TYPE) INCL SHIPPED IN DOOR UNITS	88.3	89.1	87.6	107.6	108.5	106.7	92.6	97.2
24315	OTHER WOOD DOORS, INCLUDING GARAGE, SCREEN, STORM, AND COMBI	101.2	100.9	101.4	98.6	98.3	98.9	72.7	77.4
24316	FINISHED WOOD MOULDINGS (INCLUDING WINDOW AND DOOR TRIM)	90.3	90.3	90.3	102.7	102.7	102.7	89.8	96.0
24317	CABINETWORK TO BE BUILT IN	114.5	114.5	114.5	96.5	96.5	96.5	100.0	100.0
24318	OTHER MILLWORK PRODUCTS, INCLUDING WINDOW SCREENS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2432	VENEER AND PLYWOOD PLANTS	71.7	73.0	70.4	105.8	107.4	103.6	97.1	95.9
24320	VENEER AND PLYWOOD, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24321	HARDWOOD PLYWOOD	92.5	93.2	91.7	86.4	87.0	85.6	96.8	100.0
24322	SOFTWOOD PLYWOOD INTERIOR TYPE	64.3	64.3	64.3	120.2	120.2	120.2	99.3	100.0
24323	SOFTWOOD PLYWOOD, EXTERIOR TYPE	59.3	59.6	59.0	116.3	116.7	115.5	99.8	100.0
24324	NONWOOD FACE PLYWOOD AND OTHER PLYWOOD TYPE PRODUCTS	33.6	33.0	34.0	120.3	119.6	123.0	81.7	66.8
24325	HARDWOOD VENEER	102.0	101.8	102.4	88.0	87.8	88.2	96.5	97.5
24326	SOFTWOOD VENEER	47.9	48.1	47.7	104.7	104.9	104.1	100.0	100.0
2433	PREFABRICATED WOOD PRODUCTS	78.9	79.1	78.7	97.8	98.0	97.6	89.0	94.1
24330	PREFABRICATED WOOD PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24331	FABRICATED STRUCTURAL FRAMING AND WOOD LAMINATES	48.6	48.0	49.2	103.5	102.7	105.3	88.7	93.2
24332	PREFABRICATED WOODEN BUILDINGS, INCLUDING PORTABLE TYPES	101.7	101.7	101.7	95.5	95.5	95.5	94.1	94.4

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
244	WOODEN CONTAINERS	123.6	125.6	121.4	94.3	96.2	93.0	79.4	86.9
2441	NAILED WOODEN BOXES AND SHOOK	129.5	132.3	127.1	101.0	103.4	99.4	74.3	84.1
24410	NAILED WOODEN BOXES AND SHOOK, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24411	NAILED AND LOCK CORNER WOODEN BOXES	178.9	181.5	176.4	90.9	92.7	90.0	78.3	87.2
24412	BOX SHOOK: FRUIT, VEGETABLE, INDUSTRIAL, ETC	110.5	110.6	110.4	110.3	110.5	110.1	83.3	86.9
2442	WIREBOUND BOXES AND CRATES	116.1	116.3	116.0	91.4	91.5	91.3	99.6	99.8
24420	WIREBOUND BOXES AND CRATES,	116.1	116.3	116.0	91.4	91.5	91.3	99.6	99.8
2443	VENEER AND PLYWOOD CONTAINERS	136.6	137.6	135.5	76.5	77.2	76.0	78.2	80.2
24430	VENEER AND PLYWOOD CONTAINERS	136.6	137.6	135.5	76.5	77.2	76.0	78.2	80.2
2445	COOPERAGE	104.2	109.6	97.8	82.9	88.3	78.8	71.9	84.6
24450	COOPERAGE	104.2	109.6	97.8	82.9	88.3	78.8	71.9	84.6
249	MISCELLANEOUS WOOD PRODUCTS	89.1	89.4	88.8	98.5	98.8	98.1	46.5	46.9
2491	WOOD PRESERVING	90.3	90.3	90.3	97.9	97.9	97.9	98.7	100.0
24910	WOOD PRESERVING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24911	WOOD OWNED AND TREATED BY SAME ESTABLISHMENT	91.5	91.5	91.5	97.9	97.9	97.9	100.0	100.0
2499	WOOD PRODUCTS, NEC	88.2	88.9	87.5	99.2	100.0	98.4	28.0	27.9
24990	WOOD PRODUCTS NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24991	MIRRORS AND PICTURE FRAMES	74.8	74.8	74.8	104.9	104.9	104.9	13.4	12.7
24992	PALLETS AND SKIDS	87.3	88.1	86.4	96.1	96.9	95.1	86.8	85.6
24993	PARTICLE BOARD	74.5	74.5	74.5	99.1	99.1	99.1	100.0	100.0
24994	CORK PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
24995	WOOD PRODUCTS, NEC	105.2	106.2	104.1	100.3	101.2	99.2	28.9	25.7
25	FURNITURE AND FIXTURES	86.8	87.4	86.2	93.2	93.8	92.5	71.2	73.1
251	HOUSEHOLD FURNITURE	87.5	88.1	86.9	95.1	95.8	94.5	78.3	79.5
2511	WOOD FURNITURE NOT UPHOLSTERED	93.6	94.5	92.8	91.3	92.2	90.5	82.1	82.1
25110	WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25111	RADIO, PHONOGRAPH, TELEVISION, AND HI-FI CABINETS AND COMBIN	105.0	105.0	105.0	85.9	85.9	85.9	100.0	100.0
25112	OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE	115.1	117.4	112.5	82.8	84.7	81.2	79.5	83.4
25113	WOOD DINING, JUNIOR DINING, AND KITCHEN FURNITURE	105.3	105.7	104.9	90.3	90.7	90.0	91.7	88.1
25114	KITCHEN CABINETS, WOOD	61.7	61.7	61.7	96.5	96.5	96.5	89.2	89.2
25115	WOOD BEDROOM FURNITURE	89.9	90.0	89.8	95.1	95.1	94.9	89.3	88.2
25116	INFANTS' AND CHILDREN'S WOOD FURNITURE	111.1	111.1	111.1	100.5	100.5	100.5	63.6	56.3
25117	WOOD OUTDOOR FURNITURE, AND UNPAINTED WOOD FURNITURE	89.8	89.7	90.0	93.6	93.5	93.8	33.3	43.5
2512	WOOD FURNITURE, UPHOLSTERED	72.8	72.9	72.7	100.5	100.6	100.2	82.7	89.2
25120	WOOD HOUSEHOLD FURNITURE, UPHOLSTERED, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25121	UPHOLSTERED WOOD HOUSEHOLD FURNITURE	73.9	74.0	73.7	100.5	100.6	100.2	92.3	98.2
25126	WOOD FURNITURE FRAMES FOR HOUSEHOLD FURNITURE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2514	METAL HOUSEHOLD FURNITURE	90.4	90.9	89.8	95.1	95.6	94.4	52.2	44.6
25140	METAL HOUSE FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25141	METAL HOUSEHOLD DINING AND BREAKFAST FURNITURE	86.8	88.5	85.2	102.5	104.3	100.4	89.2	84.8
25142	METAL KITCHEN FURNITURE	155.8	156.5	155.0	81.7	82.1	81.3	23.8	11.6
25143	METAL PORCH, LAWN, AND OUTDOOR FURNITURE (INCLUDING STEAMER	71.9	71.9	71.9	83.5	83.5	83.5	79.0	64.1
25144	OTHER METAL HOUSEHOLD FURNITURE	78.9	79.6	78.1	96.5	97.5	95.6	22.7	27.4
2515	MATTRESSES AND BEDSPRINGS	93.4	93.7	93.1	97.2	97.5	96.9	90.7	94.9
25150	MATTRESSES AND BEDSPRINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25151	INNERSPRING MATTRESSES AND SPRING CUSHIONS	87.9	88.0	87.7	98.0	98.2	97.9	93.4	100.0
25152	OTHER MATTRESSES	142.5	138.7	146.0	112.4	108.9	114.7	91.8	96.3
25153	BEDSPRINGS	90.9	91.5	90.3	99.9	100.5	99.2	93.8	89.4
25154	CONVERTIBLE SOFAS	120.5	120.5	120.5	80.1	80.1	80.1	96.7	100.0
25155	JACKKNIFE SOFA BEDS AND CHAIR BEDS	69.5	70.3	68.8	102.6	103.4	101.2	100.0	100.0
25156	STUDIO COUCHES	110.1	110.1	110.1	98.2	98.2	98.2	100.0	100.0
2519	HOUSEHOLD FURNITURE, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25190	HOUSEHOLD FURNITURE, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
252	OFFICE FURNITURE	89.4	89.9	88.7	83.3	83.8	82.6	85.3	91.9
2521	WOOD OFFICE FURNITURE	92.0	91.8	92.1	95.6	95.5	95.8	72.9	81.3
25210	WOOD OFFICE FURNITURE	92.0	91.8	92.1	95.6	95.5	95.8	72.9	81.3
2522	METAL OFFICE FURNITURE	88.0	88.9	87.0	80.5	81.4	79.6	88.5	95.3
25220	METAL OFFICE FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25221	METAL CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED	69.0	69.0	69.1	82.5	82.4	82.5	95.8	100.0
25222	METAL DESKS	80.2	82.6	77.5	93.2	85.7	80.3	98.0	100.0
25223	METAL CABINETS AND CASES	111.6	111.5	111.6	78.6	78.6	78.6	96.1	98.5
25224	OTHER METAL OFFICE FURNITURE, INCLUDING TABLES, STANDS, ETC	79.0	79.0	79.0	78.2	78.2	78.2	52.0	68.7

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
253	PUBLIC BUILDING FURNITURE	77.0	76.7	77.2	89.8	89.5	90.1	42.6	47.1
2531	PUBLIC BUILDING FURNITURE	77.0	76.7	77.2	89.8	89.5	90.1	42.6	47.1
25310	PUBLIC-BUILDING FURNITURE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25311	SCHOOL FURNITURE, EXCEPT STONE AND CONCRETE	73.3	73.3	73.3	95.2	95.2	95.2	25.8	34.9
25312	PUBLIC BUILDING AND RELATED FURNITURE, EXCEPT SCHOOL FURNITURE	83.6	83.5	83.8	87.3	87.3	87.5	70.1	66.5
254	PARTITIONS AND FIXTURES	82.6	83.1	82.0	89.5	90.0	88.8	54.8	52.6
2541	WOOD PARTITIONS AND FIXTURES	80.4	81.1	79.6	91.4	92.2	90.5	100.0	100.0
25410	WOOD PARTITIONS, SHELVING, LOCKERS, AND FIXTURES	80.4	81.1	79.6	91.4	92.2	90.5	100.0	100.0
2542	METAL PARTITIONS AND FIXTURES	90.3	90.3	90.3	82.2	82.2	82.2	20.6	17.2
25420	METAL PARTITIONS, SHELVING, AND LOCKERS AND FIXTURES	90.3	90.3	90.3	82.2	82.2	82.2	20.6	17.2
259	FURNITURE AND FIXTURES, NEC	99.3	100.1	98.3	85.4	86.2	84.7	25.2	30.5
2591	VENETIAN BLINDS AND SHADES	129.5	129.5	129.5	81.6	81.6	81.6	32.9	33.4
25910	VENETIAN BLINDS AND SHADES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
25911	WINDOW-SHADES AND ACCESSORIES	100.4	100.4	100.4	81.6	81.6	81.6	38.0	38.0
25912	VENETIAN BLINDS	172.7	172.7	172.7	81.6	81.6	81.6	39.3	40.8
2599	FURNITURE AND FIXTURES, NEC	48.8	48.5	49.0	105.6	105.2	106.3	12.8	21.1
25990	FURNITURE AND FIXTURES, NEC	48.8	48.5	49.0	105.6	105.2	106.3	12.8	21.1
26	PAPER AND ALLIED PRODUCTS	85.4	85.6	85.3	92.5	92.7	92.3	96.7	97.7
261	PULP MILLS	83.6	83.8	83.4	93.8	93.5	94.0	98.4	99.3
2611	PULP MILLS	83.6	83.8	83.4	93.8	93.5	94.0	98.4	99.3
26111	SPECIAL ALPHA AND DISSOLVING WOOD PULP	97.5	97.5	97.5	97.4	97.4	97.4	100.0	100.0
26112	OTHER PULP INC WOOD AND PULP MILL BYPRODUCTS EXCEPT TALL OIL	82.6	82.8	82.4	92.7	92.3	93.0	98.0	99.1
262	PAPER MILLS, EXCEPT BUILDING	86.4	86.5	86.4	91.3	91.4	91.2	100.0	100.0
2621	PAPER MILLS, EXCEPT BUILDING	86.4	86.5	86.4	91.3	91.4	91.2	100.0	100.0
26211	NEWSPRINT	69.4	69.4	69.4	92.1	92.1	92.1	100.0	100.0
26212	GROUNDWOOD PAPER UNCOATED	97.9	97.9	97.8	92.3	92.3	92.3	100.0	100.0
26213	PAPER MACHINE COATED PRINTING AND CONVERTING PAPER	77.9	77.9	77.9	88.2	88.2	88.2	100.0	100.0
26214	BOOK PAPER UNCOATED	94.2	94.2	94.2	86.2	86.2	86.2	100.0	100.0
26215	FINE PAPER INCLUDING THIN PAPER	83.3	83.4	83.1	92.6	92.7	92.4	100.0	100.0
26216	COARSE PAPER	93.8	93.9	93.8	91.7	91.7	91.7	100.0	100.0
26217	SPECIAL IND PAPER, EXC WINDSHIELD WIPER STOCK AND IND WIPES	82.4	82.4	82.4	90.7	90.7	90.7	100.0	100.0
26218	SANITARY TISSUE STOCK AND TISSUE PAPER NEC	84.4	84.6	84.2	96.2	96.4	96.0	100.0	100.0
263	PAPERBOARD MILLS	86.6	86.6	86.7	93.3	93.3	93.3	100.0	100.0
2631	PAPERBOARD MILLS	86.6	86.6	86.7	93.3	93.3	93.3	100.0	100.0
26311	CONTAINER BOARD	87.1	87.1	87.1	93.6	93.6	93.6	100.0	100.0
26312	SPECIAL FOOD BOARD	73.0	73.0	73.0	93.0	93.0	93.0	100.0	100.0
26313	FOLDING BOXBOARD STOCK EXCEPT SPECIAL FOOD BOARD	92.9	92.9	92.9	91.7	91.7	91.7	100.0	100.0
26314	SET UP BOXBOARD	105.3	105.3	105.3	85.5	85.5	85.5	100.0	100.0
26315	SPEC PAPERBOARD INC CARBOARD OTH BEND AND OTH NONBEND BOARD	80.9	80.8	81.0	92.3	92.3	92.4	100.0	100.0
26316	WET MACHINE BOARD	105.9	105.9	105.9	127.9	127.9	127.9	100.0	100.0
264	PAPER AND PAPERBOARD PRODUCTS	81.6	82.0	81.2	95.1	95.6	94.5	90.0	92.4
2641	PAPER COATING AND GLAZING	83.8	84.7	83.0	97.5	98.4	96.4	83.9	87.3
26410	PAPER COATING AND GLAZING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
26411	OFF MACHINE COATED PAPER FOR PRINTING	98.6	99.1	97.9	87.2	87.7	86.6	100.0	100.0
26412	OILED, WAXED AND WAX LAMINATED PAPER	86.1	86.8	85.5	100.9	101.6	100.1	100.0	100.0
26413	GUMMED PRODUCTS	75.1	76.8	73.6	113.0	115.1	110.4	92.9	91.2
26414	PRESSURE SENSITIVE TAPES	88.4	88.4	88.4	91.8	91.8	91.8	48.0	56.9
26415	LAMINATED OR COATED WRAPPERS EXCEPT WAXED ROLLS AND SHEETS	72.6	74.0	71.1	96.6	98.1	94.4	100.0	100.0
26416	COATED AND PROCESSED PAPER	80.1	79.9	80.2	95.5	95.3	95.6	79.9	86.1
2642	ENVELOPES	90.6	90.6	90.6	88.3	88.3	88.3	100.0	100.0
26420	ENVELOPES	90.6	90.6	90.6	88.3	88.3	88.3	100.0	100.0
2643	BAGS, EXCEPT TEXTILE BAGS	84.4	84.3	84.5	87.8	87.6	87.9	87.7	90.8
26431	GROCERS AND VARIETY BAGS, WARDROBE, SHOPPING AND OTHER	87.6	87.5	87.6	82.4	82.4	82.5	100.0	100.0
26432	SPECIALTY BAGS AND LINERS	78.2	78.4	78.0	86.9	87.1	86.6	69.4	71.9
26433	SHIPPING SACKS AND MULTIWALL BAGS	88.1	87.9	88.4	92.6	92.3	92.9	96.1	100.0
2644	WALLPAPER	113.0	113.3	112.7	98.5	98.7	98.2	97.1	100.0
26440	WALLPAPER	113.0	113.3	112.7	98.5	98.7	98.2	97.1	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
2645	DIE-CUT PAPER AND BOARD	77.0	77.0	76.9	105.7	105.8	105.7	89.7	85.4
26451	OFFICE SUPPLIES AND MISCELLANEOUS PRODUCTS	74.1	73.9	74.4	109.9	109.5	110.4	86.9	81.5
26452	PASTED, LINED, LAMINATED OR SURFACE COATED PAPERBOARD	86.2	86.2	86.2	93.8	93.8	93.8	100.0	100.0
2646	PRESSED AND MOLDED PULP GOODS	56.5	56.5	56.5	99.5	99.5	99.5	15.5	30.3
26461	BITUMINOUS FIBER PIPE SEWER AND DRAINAGE AND CONDUIT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
26462	OTHER PRESSED AND MOLDED PULP GOODS	54.0	53.9	54.0	99.5	99.5	99.5	24.4	50.1
2649	PAPER AND BOARD PRODUCTS, NEC	78.0	78.5	77.6	97.8	98.3	97.2	98.6	100.0
26490	CONVERTED PAPER AND BOARD PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
26491	STATIONERY, TABLETS, AND RELATED PRODUCTS	76.7	77.2	76.3	91.8	92.3	91.2	100.0	100.0
26492	WRAPPING PRODUCTS, GIFT WRAP ETC	77.7	78.6	76.6	78.5	79.4	77.4	100.0	100.0
26493	SANITARY HEALTH PRODUCTS	77.9	78.2	77.7	95.7	96.0	95.4	100.0	100.0
26494	SANITARY NAPKINS AND TAMPONS	75.7	75.7	75.7	86.6	86.6	86.6	100.0	100.0
26495	OTHER CONVERTED PAPER AND BOARD PRODUCTS	85.3	87.4	83.5	119.2	121.7	116.3	100.0	100.0
265	PAPERBOARD CONTAINERS & BOXES	88.1	88.2	88.1	90.7	90.8	90.7	98.5	99.3
2651	FOLDING PAPERBOARD BOXES	87.4	87.4	87.4	87.8	87.8	87.8	100.0	100.0
26510	FOLDING PAPERBOARD BOXES AND CARTONS EXCEPT ICE CREAM ETC	87.4	87.4	87.4	87.8	87.8	87.8	100.0	100.0
2652	SET-UP PAPERBOARD BOXES	98.3	98.3	98.3	99.1	99.1	99.1	100.0	100.0
26520	SET UP PAPERBOARD BOXES	98.3	98.3	98.3	99.1	99.1	99.1	100.0	100.0
2653	CORRUGATED SHIPPING CONTAINERS	89.2	89.1	89.2	89.4	89.4	89.5	97.9	100.0
26530	CORRUGATED AND SOLID FIBER BOXES INCLUDING PALLETS	89.2	89.1	89.2	89.4	89.4	89.5	97.9	100.0
2654	SANITARY FOOD CONTAINERS	81.0	81.2	80.7	93.9	94.2	93.5	100.0	100.0
26541	MILK AND OTHER BEVERAGE CARTONS	76.5	76.5	76.5	96.8	96.8	96.8	100.0	100.0
26542	CUPS AND LIQUID TIGHT FOOD CONTAINERS	80.8	80.8	80.8	92.4	92.4	92.4	100.0	100.0
26543	OTHER SANITARY FOOD CONTAINERS, BOARDS AND TRAYS	85.5	86.1	84.8	92.8	93.4	91.9	100.0	100.0
2655	FIBER CANS, TUBES, DRUMS, ETC	93.7	93.8	93.6	94.7	94.8	94.6	90.6	88.6
26551	DRUMS WITH METAL WOOD OR PAPERBOARD ENDS	91.7	91.7	91.7	80.9	80.9	80.9	100.0	100.0
26552	FIBER CANS, TUBES AND OTHER FIBER PRODUCTS	93.5	93.7	93.5	101.2	101.3	101.1	86.7	84.9
266	BUILDING PAPER AND BOARD MILLS	91.2	90.9	91.6	92.3	92.2	92.4	98.8	100.0
2661	BUILDING PAPER AND BOARD MILLS	91.2	90.9	91.6	92.3	92.2	92.4	98.8	100.0
26610	OTHER PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
26611	INSULATING BOARD	94.8	94.8	94.8	84.2	84.2	84.2	100.0	100.0
26612	CONSTRUCTION PAPER DRY BASIS BEFORE SATURATING	100.9	100.9	100.9	107.9	107.9	107.9	100.0	100.0
26613	HARD PRESSED WOOD FIBER BOARD	73.9	73.9	73.9	85.7	85.7	85.7	100.0	100.0
27	PRINTING AND PUBLISHING	83.6	83.8	83.4	94.2	94.3	93.8	67.0	67.2
271	NEWSPAPERS	90.8	90.8	90.7	92.8	92.9	92.8	100.0	100.0
2711	NEWSPAPERS	90.8	90.8	90.7	92.8	92.9	92.8	100.0	100.0
27110	NEWSPAPERS NOT SPECIFIED BY FREQUENCY AND RECEIPTS UNDISTRI	103.8	103.8	103.8	94.5	94.5	94.5	100.0	100.0
27111	DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM SUBSCRIP AND SALE	96.1	96.1	96.1	88.6	88.6	88.6	100.0	100.0
27112	DAILY AND SUNDAY NEWSPAPERS, RECEIPTS FROM ADVERTISING	88.0	88.0	88.0	94.5	94.5	94.5	100.0	100.0
27113	WEEKLY AND OTH NEWSPAPERS, RECEIPTS FROM SUBSCRIP AND SALES	98.8	98.8	98.8	88.6	88.6	88.6	100.0	100.0
27114	WEEKLY AND OTHER NEWSPAPERS, RECEIPTS FROM ADVERTISING	92.6	92.6	92.6	94.5	94.5	94.5	100.0	100.0
272	PERIODICALS	95.1	95.8	94.4	94.2	94.9	93.5	100.0	100.0
2721	PERIODICALS	95.1	95.8	94.4	94.2	94.9	93.5	100.0	100.0
27210	PERIODICALS NSK	52.0	52.0	52.0	92.3	92.3	92.3	100.0	100.0
27211	FARM PERIODICALS RECEIPTS FROM SUBSCRIPTIONS AND SALES	101.0	101.0	101.0	75.1	75.1	75.2	100.0	100.0
27212	FARM PERIODICALS RECEIPTS FROM ADVERTISING	93.4	93.4	93.4	92.3	92.3	92.3	100.0	100.0
27213	SPECIALIZED BUSINESS AND PROF PERIODICALS RECEIPTS FROM SALE	77.9	78.6	77.2	92.2	92.9	91.2	100.0	100.0
27214	SPEC BUSINESS AND PROFESSIONAL PUBLISHING RECEIPTS FROM ADV	60.9	60.9	60.9	92.3	92.3	92.3	100.0	100.0
27215	GENERAL PERIODICALS RECEIPTS FROM SUBSCRIPTIONS AND SALES	101.2	104.6	98.2	108.9	112.4	105.6	100.0	100.0
27216	GENERAL PERIODICALS RECEIPTS FROM ADVERTISING	112.9	112.9	112.9	92.3	92.3	92.3	100.0	100.0
27217	OTHER PERIODICALS RECEIPTS FROM SUBSCRIP AND SALES AND ADV	103.1	102.9	103.2	80.3	80.1	80.5	100.0	100.0
273	BOOKS	68.8	68.8	68.8	98.4	98.4	98.4	100.0	100.0
2731	BOOKS, PUBLISHING & PRINTING	66.9	66.9	66.9	98.4	98.4	98.4	100.0	100.0
27310	BOOKS AND PAMPHLETS NSK	59.3	59.3	59.3	98.4	98.4	98.4	100.0	100.0
27311	TEXTBOOKS AND RELATED INSTRUCTION MATERIALS	67.0	67.0	67.0	98.4	98.4	98.4	100.0	100.0
27312	SUBSCRIPTION REFERENCE BOOKS HARDBOUND	59.7	59.7	59.7	98.4	98.4	98.4	100.0	100.0
27313	TECHNICAL SCIENTIFIC AND PROFESSIONAL BOOKS	55.7	55.7	55.7	98.4	98.4	98.4	100.0	100.0
27314	RELIGIOUS BOOKS	76.2	76.2	76.2	98.4	98.4	98.4	100.0	100.0
27315	GENERAL BOOKS, TRADE ETC	81.4	81.4	81.4	98.4	98.4	98.4	100.0	100.0
27316	OTHER BOOKS AND PAMPHLETS	48.0	48.0	48.0	98.4	98.4	98.4	100.0	100.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
2732	BOOK PRINTING	73.3	73.3	73.3	98.4	98.4	98.4	100.0	100.0
27320	BOOK AND PAMPHLET PRINTING AND COMPLETE BOOK MFG NSK	76.6	76.6	76.6	98.4	98.4	98.4	100.0	100.0
27321	BOOK AND PAMPHLET PRINTING AND BOOK BINDING LITHOGRAPHIC PRO	52.0	52.0	52.0	98.4	98.4	98.4	100.0	100.0
27322	BOOK AND PAMPHLET PRINTING AND BOOK BINDING OTHER PROCESSES	87.5	87.5	87.5	98.4	98.4	98.4	100.0	100.0
274	MISCELLANEOUS PUBLISHING	83.0	83.0	83.0	90.9	90.9	90.9	100.0	100.0
2741	MISCELLANEOUS PUBLISHING	83.0	83.0	83.0	90.9	90.9	90.9	100.0	100.0
27410	MISCELLANEOUS PUBLISHING	96.0	96.0	95.9	90.9	90.9	90.9	100.0	100.0
27411	CATALOGS AND DIRECTORIES PUBLISHING	76.0	76.0	76.0	90.9	90.9	90.9	100.0	100.0
27412	BUSINESS SERVICE PUBLICATIONS	84.4	84.4	84.4	90.9	90.9	90.9	100.0	100.0
27413	OTHER MISCELLANEOUS PUBLISHING	84.7	84.7	84.7	90.9	90.9	90.9	100.0	100.0
275	COMMERCIAL PRINTING	77.9	77.9	77.9	95.0	95.0	95.0	28.7	24.5
2751	PRINTING LETTERPRESS	80.0	80.0	80.0	94.8	94.8	94.8	37.3	32.6
27510	COMMERCIAL PRINTING EXCEPT LITHO NOT SPECIFIED BY PROCESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27511	COMMERCIAL PRINTING MAGAZINES AND PERIODICALS LETTERPRESS	69.2	69.2	69.2	94.1	94.1	94.1	100.0	100.0
27512	LABELS AND WRAPPERS PRINTING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27513	CATALOGS AND DIRECTORIES PRINTING LETTERPRESS	77.0	77.0	77.0	93.4	93.4	93.4	100.0	100.0
27514	FINANCIAL AND LEGAL PRINTING EXCEPT CHECKBOOKS LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27515	ADVERTISING LETTERPRESS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27516	OTHER GENERAL JOB PRINTING LETTERPRESS	96.0	96.0	96.0	93.3	93.3	93.3	19.2	9.1
27517	GRAVURE PUBLICATION PRINTING	87.1	87.4	86.7	95.0	95.3	94.5	100.0	100.0
27518	OTHER GRAVURE PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27519	SCREEN PROCESS PRINTING EXCEPT TEXTILES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2752	PRINTING LITHOGRAPHIC	73.2	72.9	73.5	96.0	95.8	96.5	14.2	9.6
27520	COMMERCIAL LITHOGRAPHIC PRINTING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27521	MAGAZINES AND PERIODICALS LITHOGRAPHIC	41.7	41.7	41.7	94.1	94.1	94.1	100.0	100.0
27522	LABELS AND WRAPPERS PRINTING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27523	CATALOGS AND DIRECTORIES PRINTING LITHOGRAPHIC	67.8	67.8	67.8	98.4	98.4	98.4	100.0	100.0
27524	FINANCIAL AND LEGAL PRINTING EXCEPT CHECKBOOKS LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27525	ADVERTISING LITHOGRAPHIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27526	OTHER COMMERCIAL PRINTING LITHOGRAPHIC	81.8	81.8	81.8	93.3	93.3	93.3	7.7	1.2
27527	LITHOGRAPHIC PLATES MADE FOR OTHERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2753	ENGRAVING AND PLATE PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27530	ENGRAVING AND PLATE PRINTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
276	MANIFOLD BUSINESS FORMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2761	MANIFOLD BUSINESS FORMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27611	CONTINUOUS BUSINESS FORMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27612	UNIT SET FORMS SNAP OUT TYPES EITHER LOOSE OR BOUND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27613	SALES AND OTHER MANIFOLD BOOKS EXC FOOD AND BEVERAGE CHECKS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
277	GREETING CARDS	86.2	86.2	86.2	91.2	91.2	91.2	100.0	100.0
2771	GREETING CARDS	86.2	86.2	86.2	91.2	91.2	91.2	100.0	100.0
27710	GREETING CARDS RECEIPTS NOT SPECIFIED BY KIND	34.9	34.9	34.9	91.2	91.2	91.2	100.0	100.0
27711	GREETING CARDS PUBLISHERS SALES	86.7	86.7	86.7	91.2	91.2	91.2	100.0	100.0
27712	GREETING CARDS PRINTED FOR PUBLICATION BY OTHERS	89.6	89.6	89.6	91.2	91.2	91.2	100.0	100.0
278	BOOKBINDING AND RELATED WORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2782	BLANKBOOKS LODSELEAF BINDERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27821	BLANKBOOK MAKING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27822	LODSELEAF BINDERS AND DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2789	BOOKBINDING AND RELATED WORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27890	BOOKBINDING NOT REPORTED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27891	EDITION LIBRARY AND OTHER HARD COVER BOOKBINDING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27892	OTHER BOOK AND PAMPHLET BINDING AND RELATED BINDING WORK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
279	PRINTING TRADES SERVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2791	TYPESETTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27910	TYPESETTING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2793	PHOTOENGRAVING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27930	PHOTOENGRAVING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2794	ELECTROTYPING AND STEREOTYPING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
27940	ELECTROTYPING AND STEREOTYPING	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
28	CHEMICALS & ALLIED PRODUCTS	76.8	78.4	75.3	101.5	103.3	99.2	71.2	73.4
281	BASIC CHEMICALS	79.4	80.3	78.4	98.8	99.7	97.7	64.7	65.4
2812	ALKALIES AND CHLORINE	88.1	88.2	88.1	93.4	93.4	93.3	98.4	97.5
28121	CHLORINE	80.1	80.1	80.1	95.8	95.8	95.9	100.0	100.0
28122	SODIUM CARBONATE SODA ASH	107.1	107.2	107.1	92.6	92.7	92.6	100.0	100.0
28123	SODIUM HYDROXIOE (CAUSTIC SODA)	87.3	87.3	87.3	92.3	92.3	92.3	100.0	100.0
28124	OTHER ALKALIES	104.9	104.9	104.9	93.8	93.8	93.8	60.4	48.7
2813	INDUSTRIAL GASES	66.0	66.2	65.8	105.9	106.3	105.5	97.6	95.5
28132	ACETYLENE	62.3	62.3	62.3	100.7	100.7	100.7	100.0	100.0
28133	CARBON DIOXIOE	91.2	92.5	90.0	110.6	111.9	109.2	100.0	100.0
28134	ELEMENTAL GASES AND COMPRESSED AND LIQUEFIED GASES NEC	61.1	61.3	60.8	108.1	108.3	107.6	95.1	90.0
2814	CYCLIC (COAL TAR) CRUDES	92.2	92.2	92.2	90.1	90.3	90.0	68.8	81.6
28140	TAR, TAR CRUDES, AND TAR PITCHES	92.2	92.2	92.2	90.1	90.3	90.0	68.8	81.6
2815	INTERMEDIATE COAL TAR PRODUCTS AND ORGANIC PIGMENTS	86.0	88.0	84.0	100.2	102.6	97.5	56.9	56.3
28150	INTERMEDIATE COAL TAR PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28151	CYCLIC COAL TAR INTERMEDIATES	78.9	80.1	77.8	111.0	112.6	108.6	48.5	42.3
28152	SYNTHETIC ORGANIC OYES	101.8	102.2	101.3	90.1	90.5	89.8	80.3	90.7
28153	SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS	95.1	95.3	94.7	84.5	84.9	84.2	62.8	73.6
2816	INORGANIC PIGMENTS	101.1	100.9	101.3	92.5	92.2	92.8	88.3	87.4
28160	INORGANIC COLOR PIGMENTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28161	TITANIUM PIGMENTS, COMPOSITE AND PURE	89.4	89.4	89.4	88.8	88.8	88.8	100.0	100.0
28162	OTHER WHITE OPAQUE PIGMENTS	126.9	127.1	126.7	94.7	94.7	94.7	84.7	79.2
28163	CHROME COLORS AND OTHER INORGANIC PIGMENTS	107.5	107.8	107.3	99.6	99.7	99.5	68.7	74.8
2817	RECEIPTS OF GOVT-OWNED PRIVATELY-OPERATED PLANTS IN 2819	66.6	67.2	66.1	99.2	99.9	98.2	100.0	100.0
28170	RECEIPTS OF GOVT-OWNED PRIVATELY-OPERATED PLANTS IN 2819	66.6	67.2	66.1	99.2	99.9	98.2	100.0	100.0
2818	INDUSTRIAL ORGANIC CHEMICALS, NEC	70.9	71.9	69.8	101.5	102.7	95.8	32.5	33.2
28180	INDUSTRIAL ORGANIC CHEMICALS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28181	MISCELLANEOUS CYCLIC CHEMICAL PRODUCTS	54.5	57.4	52.2	116.0	121.1	107.3	44.7	46.0
28182	MISCELLANEOUS ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS	73.2	74.1	72.2	98.1	99.1	96.9	27.0	26.9
28183	SYNTHETIC ORGANIC CHEMICALS NEC EXCEPT BULK SURFACE AGENTS	67.6	68.2	67.1	107.4	108.5	106.0	53.0	64.0
28184	PESTICIDES AND OTHER ORGANIC AGR CHEM	86.4	89.0	84.2	121.4	124.1	117.9	56.1	51.6
28185	ETHYL ALCOHOL AND OTHER INDUSTRIAL ORGANIC CHEMICALS NEC	66.2	66.2	66.2	83.3	83.3	83.3	48.8	40.2
2819	INDUSTRIAL INORGANIC CHEMICALS, NEC	85.0	86.2	84.0	99.1	99.9	98.2	82.1	81.8
28191	SYNTHETIC AMMONIA NITRIC ACIO AND AMMONIUM COMPOUNDS	73.3	73.5	73.1	116.6	116.6	116.7	96.9	96.9
28192	CHLORINE AND OTHER BLEACHING COMPOUNDS	79.0	78.9	79.0	93.7	93.7	93.7	99.5	98.5
28193	SULFURIC ACIO	90.5	90.4	90.6	106.6	106.5	106.6	100.0	100.0
28194	INORGANIC ACIOES EXCEPT NITRIC AND SULFURIC	66.8	71.2	63.5	109.2	112.4	104.4	97.2	99.8
28195	ALUMINUM OXIOE EXCEPT NATURAL ALUMINA	93.4	93.4	93.4	83.1	83.1	83.1	100.0	100.0
28196	OTHER ALUMINUM COMPOUNDS	101.2	101.4	100.9	93.3	93.5	93.2	83.9	81.5
28197	POTASSIUM AND SODIUM COMPOUNDS EXCEPT BLEACHES ETC	93.3	93.6	92.9	95.8	96.2	95.2	78.5	80.5
28198	CHEMICAL CATALYTIC PREPARATIONS	62.4	62.4	62.4	99.1	99.1	99.1	100.0	100.0
28199	OTHER INORGANIC CHEMICALS NEC	107.3	105.9	108.8	91.5	91.7	91.3	55.6	52.9
282	FIBERS, PLASTICS, RUBBERS	65.1	65.8	64.4	113.0	114.0	111.5	93.1	96.2
2821	PLASTICS MATERIALS, SYN RESINS, & NONVULCANIZABLE ELASTOMERS	58.1	59.1	57.2	112.6	113.9	110.4	86.3	91.6
28210	PLASTIC MATERIALS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28211	CELLULOSE PLASTICS MATERIALS EXC FROM SCRAP INC FILLERS ETC	82.5	82.6	82.4	103.0	103.1	103.0	83.2	87.7
28212	REGENERATED CELLULOSIC PRODUCTS EXCEPT RAYON	77.6	77.7	77.6	91.7	91.7	91.7	100.0	100.0
28213	SYNTHETIC RESINS EXCLUDING PROTECTIVE COATINGS	53.4	53.9	52.9	122.7	123.5	121.1	94.6	96.2
28214	VINYL AND POLYETH UNSUPP FILM ETC MAD FR RES MANU IN SAM ES	59.6	61.4	57.9	105.9	108.9	102.7	19.4	29.4
28215	PLASTICS AND RESIN MATERIALS NEC	55.0	55.1	54.9	101.9	102.0	101.8	59.0	76.5
2822	SYNTHETIC RUBBER	58.9	58.9	59.0	106.4	106.2	106.6	100.0	100.0
28220	SYNTHETIC RUBBER VULCANIZABLE ELASTOMERS	58.9	58.9	59.0	106.4	106.2	106.6	100.0	100.0
2823	CELLULOSIC MAN-MADE FIBERS	104.7	104.5	104.9	103.7	103.5	104.0	100.0	100.0
28231	ACETATE YARN	89.2	89.2	89.2	105.7	105.7	105.7	100.0	100.0
28232	RAYON YARN VISCOSE AND CUPRAMMONIUM PROCESS	113.8	113.3	114.3	102.7	102.2	103.1	100.0	100.0
2824	ORGANIC FIBERS, NONCELLULOSIC	60.0	60.0	60.0	128.7	128.7	128.7	100.0	100.0
28241	POLYAMIOE FIBERS NYLON EXCEPT MONOFILAMENTS	69.9	69.9	69.9	128.7	128.7	128.7	100.0	100.0
28242	OTHER NONCELLULOSIC SYNTHETIC ORGANIC FIBERS	39.9	39.9	39.9	128.7	128.7	128.7	100.0	100.0
283	DRUGS	58.7	61.8	56.1	117.2	121.7	110.3	49.4	50.9
2831	BIOLOGICAL PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28310	BIOLOGICAL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28311	BIOLOGICAL PRODUCTS FOR HUMAN USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28312	BIOLOGICAL PRODUCTS FOR VETERINARY USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Gross weights	1958 weights	1954 weights	Gross weights	1958 weights	1954 weights		
2833	MEDICINALS AND BOTANICALS	59.8	65.7	55.2	122.5	130.5	109.8	84.7	79.8
28330	MEDICINAL CHEMICALS AND BOTANICAL PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28331	MEDICINAL AND BOTANICAL DRUGS UNCOMPOUNDED FOR HUMAN USE	80.9	82.0	80.0	109.1	110.3	107.6	81.4	78.8
28332	MEDICINAL DRUGS FOR VETERINARY USE	9.8	11.2	9.1	185.2	188.7	152.9	99.2	100.0
2834	PHARMACEUTICAL PREPARATIONS	58.9	61.2	56.9	115.6	118.9	110.4	46.0	48.3
28340	PHARMACEUTICAL PREPARATIONS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28341	PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28342	ANTIBIOTIC PREPARATIONS FOR HUMAN USE	61.3	61.8	61.0	113.9	114.5	113.1	83.5	90.4
28343	COUGH AND COLD PREPARATIONS FOR HUMAN USE	61.3	61.3	61.3	92.2	92.2	92.2	66.1	53.4
28344	LAXATIVES AND STOMACH AND ULCER PREPARATIONS FOR HUMAN USE	82.3	92.3	82.3	94.3	94.3	94.3	100.0	100.0
28345	VITAMINS FOR HUMAN USE	48.9	54.3	45.5	148.4	157.5	131.8	100.0	100.0
28346	ANALGESICS INCLUDING NARCOTICS	76.5	76.2	76.9	99.0	98.6	99.5	63.8	56.1
28347	TRANQUILIZERS SEDATIVES AND HYPNOTICS	50.3	50.7	50.0	118.9	119.6	117.9	16.9	26.8
28348	HORMONE PREPARATIONS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28349	OTHER PHARMACEUTICAL PREPARATIONS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
284	CLEANING AND TOILET GOODS	74.7	76.6	72.8	97.3	99.4	94.6	68.8	72.2
2841	SOAP AND OTHER DETERGENTS EXCEPT SPECIALTY CLEANERS	78.6	81.5	75.6	96.9	100.0	92.9	96.4	94.7
28410	SOAP AND OTHER DETERGENTS EXCEPT SPECIALTY CLEANERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28411	ALKALINE DETERGENTS AND ACID-TYPE CLEANERS	74.4	75.5	72.9	77.8	78.7	76.4	96.9	96.3
28412	SOAPS EXCEPT SPECIALTY CLEANERS BULK	102.9	102.9	103.0	87.8	87.8	87.9	51.8	57.6
28413	SOAPS EXCEPT SPECIALTY CLEANERS PACKAGED	127.1	127.1	127.2	88.0	88.0	88.1	96.6	92.7
28414	GLYCERINE	96.1	96.1	96.2	112.9	112.9	113.0	100.0	100.0
28415	SYNTHETIC ORGANIC DETERGENTS PACKAGED	61.3	64.9	58.0	103.1	107.4	96.2	99.8	99.5
28416	SYNTHETIC ORGANIC DETERGENTS BULK	62.5	61.7	63.3	100.4	99.5	102.0	94.4	91.1
2842	POLISHES AND SANITATION GOODS	81.8	82.6	80.8	94.5	95.5	93.5	38.8	47.7
28420	SPECIALTY CLEANING POLISHING AND SANITATION PREPARATIONS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28421	HOUSEHOLD INSECTICIDES AND REPELLANTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28423	SPECIALTY CLEANING AND SANITATION PRODUCTS	69.9	71.5	68.2	89.3	91.4	87.0	21.5	27.9
28424	POLISHING PREPARATIONS AND RELATED PRODUCTS	99.4	100.3	98.4	95.6	96.5	94.8	70.3	73.2
2843	SURFACE ACTIVE AGENTS	71.8	72.6	71.0	107.0	107.8	105.7	81.5	84.5
28430	SURFACE ACTIVE AGENTS FINISHING AGENTS SULFONATED OILS ETC	71.8	72.6	71.0	107.0	107.8	105.7	81.5	84.5
2844	TOILET PREPARATIONS	67.5	67.6	67.4	96.3	96.4	96.2	44.8	49.8
28440	TOILET PREPARATIONS NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28441	SHAVING PREPARATIONS	78.7	78.8	78.7	93.5	93.6	93.5	89.8	94.5
28442	PERFUMES TOILET WATER AND COLOGNES	74.7	74.7	74.7	99.7	99.7	99.7	54.4	51.6
28443	HAIR PREPARATIONS INCLUDING SHAMPOOS	71.5	71.6	71.5	97.6	97.7	97.5	28.5	34.6
28444	DENTIFRICES INCLUDING MOUTHWASHES GARGLES AND RINSES	64.2	64.2	64.2	103.0	103.0	103.0	84.5	90.7
28445	OTHER COSMETICS AND TOILET PREPARATIONS	66.6	66.6	66.6	86.7	86.7	86.7	29.5	32.0
285	PAINTS AND VARNISHES	97.8	98.0	97.7	90.3	90.5	90.2	94.7	96.0
2851	PAINTS AND VARNISHES	98.3	98.3	98.2	90.2	90.2	90.1	95.1	97.2
28510	PAINTS VARNISHES LACQUERS JAPANS AND ENAMELS ETC NSK	50.9	50.8	50.8	85.3	85.3	85.3	100.0	100.0
28511	PAINTS ETC TRADE SALES PRODUCTS INCL GENERAL MAINTENANCE	93.6	94.3	92.9	90.3	90.9	89.7	97.5	100.0
28512	INDUSTRIAL PRODUCT FINISHES AND SPECIAL COATINGS	108.9	108.1	109.8	89.6	89.0	90.3	100.0	100.0
28514	MISCELLANEOUS PAINT PRODUCTS	92.2	92.0	92.3	96.5	96.3	96.7	48.0	59.6
2852	PUTTY AND CAULKING COMPOUNDS	85.3	88.7	82.0	96.4	99.8	92.2	71.2	62.5
28520	PUTTY CAULKING COMPOUNDS AND ALLIED PRODUCTS	85.3	88.7	82.0	96.4	99.8	92.2	71.2	62.5
286	GUM AND WOOD CHEMICALS	92.9	92.5	93.2	86.9	86.7	87.1	83.7	86.8
2861	GUM AND WOOD CHEMICALS	92.9	92.5	93.2	86.9	86.7	87.1	83.7	86.8
28611	SOFTWOOD DISTILLATION PRODUCTS	97.1	97.3	96.9	80.1	80.3	80.1	78.8	87.8
28612	OTHER GUM AND WOOD CHEMICALS	88.8	87.3	90.5	94.2	92.7	95.8	88.9	85.7
287	AGRICULTURAL CHEMICALS	94.6	95.4	93.7	95.9	96.8	95.0	78.3	86.7
2871	FERTILIZERS	111.4	111.6	111.1	95.2	95.5	94.9	92.7	95.9
28710	FERTILIZERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28711	SUPERPHOSPHATE AND OTHER PHOSPHATIC FERTILIZERS	103.0	103.2	102.7	100.8	101.1	100.4	93.8	97.5
28712	MIXED FERTILIZERS (1 OR MORE INGREDIENTS PRODUCED IN PLANT)	116.8	117.0	116.8	93.2	93.2	93.2	93.6	96.3
2872	FERTILIZERS, MIXING ONLY	99.5	99.5	99.4	93.1	93.1	93.1	95.7	98.3
28722	MIXED FERTILIZERS (NO INGREDIENTS PRODUCED IN PLANT)	99.5	99.5	99.4	93.1	93.1	93.1	95.7	98.3
2873	AGRICULTURAL PESTICIDES AND CHEMICALS NEC	59.1	61.8	56.7	106.6	110.5	101.3	39.4	47.4
28730	AGRICULTURAL PESTICIDES HERBICIDAL PREPARATIONS ETC	59.1	61.8	56.7	106.6	110.5	101.3	39.4	47.4
2879	AGRICULTURAL CHEMICALS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28790	AGRICULTURAL CHEMICALS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
289	OTHER CHEMICAL PRODUCTS	94.2	95.1	93.1	93.6	94.6	92.6	60.4	57.3
2891	GLUE AND GELATIN	79.1	79.7	78.4	96.5	97.3	95.6	92.5	90.7
28910	GLUE AND GELATIN NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28911	GLUES ADHESIVES AND SIZES	77.0	77.7	76.2	96.7	97.6	95.6	96.1	94.1
28912	GELATIN EXCEPT READY TO EAT DESSERTS	90.7	90.7	90.7	95.5	95.5	95.5	79.2	77.8
2892	EXPLOSIVES	186.6	187.6	185.9	94.5	95.0	94.1	67.8	40.1
28920	EXPLOSIVES	114.5	115.1	113.9	94.5	95.0	94.1	89.8	86.5
28928	EXPLOSIVES PROD IN GOVT-OWNED PRIV-OP PLANTS, OTHER MISC REC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2893	PRINTING INK	88.3	89.5	87.0	91.8	93.1	90.5	97.5	95.8
28930	PRINTING INK	88.3	89.5	87.0	91.8	93.1	90.5	97.5	95.8
2894	FATTY ACIDS	96.0	97.8	93.8	86.7	88.4	84.7	94.0	89.1
28940	FATTY ACIDS	96.0	97.8	93.8	86.7	88.4	84.7	94.0	89.1
2895	CARBON BLACK	87.7	87.7	87.7	94.4	94.4	94.5	100.0	100.0
28950	CARBON BLACK	87.7	87.7	87.7	94.4	94.4	94.5	100.0	100.0
2899	CHEMICAL PREPARATIONS, NEC	74.0	75.2	72.7	92.9	94.5	91.3	24.1	30.5
28990	CHEMICALS AND CHEMICAL PREPARATIONS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
28991	SALT	102.4	102.4	102.4	80.8	80.8	80.8	100.0	100.0
28993	ESSENTIAL OILS FIREWORKS AND PYROTECHNICS AND CHEM NEC	64.4	65.8	63.0	106.2	108.3	103.7	14.2	19.1
29	PETROLEUM AND COAL PRODUCTS	86.7	86.8	86.6	96.4	96.5	96.2	97.8	98.9
291	PETROLEUM REFINING	86.9	87.0	86.8	96.6	96.7	96.5	99.5	99.7
2911	PETROLEUM REFINING	86.9	87.0	86.8	96.6	96.7	96.5	99.5	99.7
29110	OTHER FINISHED PETROLEUM PRODUCTS	84.9	84.8	85.0	89.8	89.7	89.8	84.7	88.1
29111	GASOLINE AND JET PROPULSION FUEL	84.7	84.8	84.7	98.7	98.8	98.6	100.0	100.0
29112	KEROSENE INCLUDING RANGE OIL	107.2	107.2	107.2	98.5	98.5	98.5	100.0	100.0
29113	DISTILLATE FUEL OIL	84.5	84.5	84.6	98.0	98.0	98.1	100.0	100.0
29114	RESIDUAL FUEL OIL	113.4	113.4	113.4	85.0	85.0	85.0	99.9	100.0
29115	LIQUEFIED PETROLEUM GASES	75.9	74.9	76.9	92.8	91.7	94.3	100.0	100.0
29116	LUBRICANTS AND SIMILAR OILS MADE IN PETROLEUM REFINERIES	99.0	99.0	99.0	94.2	94.3	94.2	100.0	100.0
29117	LUBRICATING GREASES MADE IN PETROLEUM REFINERIES	96.2	96.2	96.2	101.5	101.5	101.5	100.0	100.0
29118	UNFINISHED OILS AND LUBRICATING OIL BASE STOCK	75.8	75.5	76.2	88.2	87.8	88.7	100.0	100.0
29119	ASPHALT	82.2	82.2	82.2	94.8	94.8	94.8	98.5	100.0
295	PAVING AND ROOFING MATERIALS	76.8	76.9	76.7	98.2	98.4	98.1	64.1	79.4
2951	PAVING MIXTURES AND BLOCKS	50.6	50.6	50.5	89.8	89.8	89.7	18.4	25.7
29510	PAVING MIXTURES AND BLOCKS	50.6	50.6	50.5	89.8	89.8	89.7	18.4	25.7
2952	ASPHALT FELTS AND COATINGS	95.9	96.2	95.5	99.2	99.5	98.9	93.8	96.1
29520	ASPHALT FELTS AND COATING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
29521	ASPHALT AND TAR SATURATED FELTS & BOARDS FOR NONBUILDING USE	45.6	45.6	45.6	119.0	119.0	119.0	51.7	53.8
29522	ASPHALT AND TAR COATING CEMENTS AND PITCHES	83.1	83.7	82.5	77.6	78.1	77.0	86.8	85.5
29523	ASPHALT AND TAR ROOFING AND SIDING PRODUCTS	102.4	102.9	101.8	102.1	102.7	101.7	99.4	99.7
299	PETROLEUM & COAL PRODUCTS, NEC	99.5	100.3	98.5	84.2	85.0	83.5	93.4	100.0
2992	LUBRICATING OILS AND GREASES	96.4	97.5	95.2	84.7	85.7	83.8	92.0	100.0
29920	LUBRICANTS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
29926	LUBRICANTS AND SIMILAR OILS NOT MADE IN PET REFINERIES	92.3	93.0	91.6	87.6	88.2	86.8	96.2	100.0
29927	LUBRICATING GREASES NOT MADE IN PETROLEUM REFINERIES	136.4	136.6	136.4	75.2	75.3	75.2	94.9	100.0
2999	PETROLEUM & COAL PRODUCTS, NEC	110.5	110.4	110.6	82.4	82.4	82.5	98.4	100.0
29990	PRODUCTS OF PETROLEUM AND COAL, NEC	110.5	110.4	110.6	82.4	82.4	82.5	98.4	100.0
30	RUBBER AND PLASTICS PRODUCTS, NEC	84.0	85.0	83.1	94.6	95.6	93.5	64.4	65.4
301	TIRES AND INNER TUBES	91.1	91.1	91.2	88.3	88.2	88.3	98.4	98.8
3011	TIRES AND INNER TUBES	91.1	91.1	91.2	88.3	88.2	88.3	98.4	98.8
30111	PASSENGER CAR AND MOTORCYCLE PNEUMATIC TIRES	91.2	91.2	91.2	87.0	87.0	87.0	100.0	100.0
30112	TRUCK AND BUS AND OFF THE ROAD PNEUMATIC TIRES	96.0	96.0	96.0	90.1	90.1	90.1	100.0	100.0
30113	OTHER PNEUMATIC TIRES AND SOLID TIRES	82.4	82.1	82.7	81.8	81.4	82.3	99.1	98.6
30114	ALL INNER TUBES	124.1	123.5	124.5	93.6	93.1	94.0	100.0	100.0
30115	TREAD RUBBER TIRE SUNDRIES AND REPAIR MATERIALS	64.2	64.2	64.2	94.5	94.5	94.5	81.6	82.5
302	RUBBER FOOTWEAR	76.7	76.9	76.4	97.7	97.9	97.3	99.2	100.0
3021	RUBBER FOOTWEAR	76.7	76.9	76.4	97.7	97.9	97.3	99.2	100.0
30210	RUBBER FOOTWEAR	76.7	76.9	76.4	97.7	97.9	97.3	99.2	100.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
303	RECLAIMED RUBBER	97.7	97.7	97.7	94.0	94.1	93.9	100.0	100.0
3031	RECLAIMED RUBBER	97.7	97.7	97.7	94.0	94.1	93.9	100.0	100.0
30310	RECLAIMED RUBBER	97.7	97.7	97.7	94.0	94.1	93.9	100.0	100.0
306	FABRICATED RUBBER PRODUCTS, NEC	93.6	95.1	92.2	98.1	99.6	96.6	55.5	55.4
3069	FABRICATED RUBBER PRODUCTS, NEC	93.6	95.1	92.2	98.1	99.6	96.6	55.5	55.4
30690	FABRICATED RUBBER PRODUCTS NEC NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
30691	RUBBER BELTS AND BELTING	116.0	117.1	114.7	79.3	80.3	78.5	93.6	95.8
30692	RUBBER HOSE AND TUBING	88.7	89.8	87.4	92.8	93.9	91.5	53.6	53.6
30693	SPONGE AND FOAM RUBBER GOODS	83.8	85.3	82.4	109.3	110.9	107.4	96.5	100.0
30694	RUBBER FLOOR AND WALL COVERING	106.2	107.0	105.3	87.6	88.3	86.8	100.0	100.0
30695	MECHANICAL RUBBER GOODS NEC	93.1	93.7	92.7	111.9	112.4	111.2	45.6	41.8
30696	RUBBER HEELS AND SOLES	91.2	90.9	91.5	89.4	89.1	89.8	100.0	100.0
30697	DRUGGIST AND MEDICAL SUNDRIES	92.9	93.5	92.3	88.7	89.3	88.2	46.4	46.7
30698	OTHER RUBBER GOODS NEC	80.9	82.6	79.4	108.8	110.9	106.6	13.3	15.1
307	PLASTICS PRODUCTS, NEC	58.0	58.4	57.6	115.6	116.1	114.5	29.2	26.7
3079	PLASTICS PRODUCTS, NEC	58.0	58.4	57.6	115.6	116.1	114.5	29.2	26.7
30790	PLASTICS PRODUCTS NOT SPECIFIED BY PROCESS OR BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
30791	PLASTICS DINNERWARE AND HOUSEWARE EXC SHEET GOODS PRODUCTS	26.4	26.4	26.4	116.7	116.7	116.7	31.3	47.6
30792	PLASTICS PIPE HOSE TUBING AND FITTING	59.6	59.2	60.0	123.0	122.2	123.9	73.0	82.1
30793	MOLDED PLASTICS PRODUCTS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
30794	VINYL AND POLYETH UNSUPP FILM ETC MADE FROM PURCHASED RESINS	54.1	55.9	52.7	118.6	121.2	114.2	81.1	85.4
30795	UNSUPPORTED PLASTICS FLOOR AND WALL COVERINGS	66.4	66.3	66.4	93.3	93.3	93.3	71.3	48.7
30796	EXPANDED OR FOAMED PLASTICS	30.4	30.6	30.1	106.7	107.1	105.5	85.2	85.2
30797	HIGH PRESSURE LAMINATED SHEETS	49.5	49.5	49.5	116.7	116.7	116.7	98.6	98.6
30798	LAMINATED SHEETS RODS AND TUBES OTHER THAN HIGH PRESSURE	49.5	49.5	49.5	116.7	116.7	116.7	51.9	51.9
30799	FABRICATED PLASTICS PRODUCTS NEC	58.4	58.5	58.4	116.7	116.8	116.7	11.1	11.9
31	LEATHER AND LEATHER PRODUCTS	93.7	94.2	93.2	96.9	97.4	96.4	91.6	90.8
311	LEATHER TANNING AND FINISHING	100.2	100.5	99.9	97.3	97.6	97.0	93.9	96.1
3111	LEATHER TANNING AND FINISHING	100.2	100.5	99.9	97.3	97.6	97.0	93.9	96.1
31110	FINISHED AND ROUGH LEATHERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
31111	CATTLE HIDE AND KIP SIDE FINISHED LEATHERS	94.7	94.3	95.1	98.3	97.9	98.8	99.2	100.0
31112	CALF AND WHOLE KIP FINISHED LEATHERS	110.7	110.7	110.7	91.7	91.7	91.7	100.0	100.0
31113	SHEEP AND LAMB FINISHED LEATHERS	104.7	105.0	104.3	104.6	105.0	104.3	100.0	100.0
31114	OTHER FINISHED LEATHERS	135.3	139.1	131.2	91.0	94.1	88.8	98.5	100.0
31115	ROUGH RUSSET AND CRUST LEATHER	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
312	INDUSTRIAL LEATHER BELTING	111.9	111.9	111.9	96.4	96.4	96.4	8.5	10.3
3121	INDUSTRIAL LEATHER BELTING	111.9	111.9	111.9	96.4	96.4	96.4	8.5	10.3
31210	INDUSTRIAL LEATHER PRODUCTS	111.9	111.9	111.9	96.4	96.4	96.4	8.5	10.3
313	FOOTWEAR CUT STOCK	107.1	112.6	101.6	94.5	100.0	90.3	69.1	77.9
3131	FOOTWEAR CUT STOCK	107.1	112.6	101.6	94.5	100.0	90.3	69.1	77.9
31310	FOOTWEAR CUT STOCK AND FINDINGS	107.1	112.6	101.6	94.5	100.0	90.3	69.1	77.9
314	FOOTWEAR, EXCEPT RUBBER	90.2	90.3	90.0	97.8	97.8	97.7	100.0	97.6
3141	FOOTWEAR, EXCEPT RUBBER	90.9	91.0	90.8	97.4	97.5	97.4	100.0	97.9
31411	MENS DRESS SHOES INCLUDING PLAY SHOES	98.1	98.0	98.3	96.8	96.7	96.9	100.0	99.2
31412	MENS WORK SHOES	85.9	85.9	85.9	87.8	87.8	87.8	100.0	99.5
31413	YOUTHS AND BOYS SHOES	83.4	83.4	83.4	96.1	96.1	96.1	100.0	99.2
31414	WOMENS DRESS, WORK, AND PLAY SHOES	88.6	88.7	88.4	98.2	98.4	98.0	100.0	97.1
31415	MISSES AND CHILDRENS SHOES	96.4	96.4	96.4	100.8	100.8	100.9	100.0	97.8
31416	INFANTS AND BABIES SHOES	97.5	97.3	97.7	96.0	95.8	96.2	100.0	96.4
31417	ALL OTHER FOOTWEAR	64.2	64.6	63.9	107.3	107.4	106.7	100.0	100.0
3142	HOUSE SLIPPERS	77.2	77.2	77.3	104.7	104.6	104.8	100.0	92.0
31420	HOUSE SLIPPERS	77.2	77.2	77.3	104.7	104.6	104.8	100.0	92.0
315	LEATHER GLOVES	96.6	96.7	96.5	91.5	91.6	91.4	100.0	92.0
3151	LEATHER GLOVES	96.6	96.7	96.5	91.5	91.6	91.4	100.0	92.0
31510	LEATHER GLOVES	96.6	96.7	96.5	91.5	91.6	91.4	100.0	92.0
316	LUGGAGE	93.9	94.0	93.7	96.2	96.3	96.1	70.0	72.5
3161	LUGGAGE	93.9	94.0	93.7	96.2	96.3	96.1	70.0	72.5
31610	LUGGAGE	93.9	94.0	93.7	96.2	96.3	96.1	70.0	72.5

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
317	PURSES AND SMALL LEATHER GOODS	91.5	91.8	91.2	93.2	93.5	92.9	86.2	86.6
3171	HANDBAGS AND PURSES	93.1	93.6	92.5	90.5	91.1	89.9	86.0	86.9
31710	HANDBAGS AND PURSES	93.1	93.6	92.5	90.5	91.1	89.9	86.0	86.9
3172	SMALL LEATHER GOODS	89.1	88.9	89.3	97.7	97.5	97.8	86.6	86.1
31720	SMALL LEATHER GOODS	89.1	88.9	89.3	97.7	97.5	97.8	86.6	86.1
319	LEATHER GOODS, NEC	92.9	92.9	92.9	95.6	95.6	95.6	33.0	25.4
3199	LEATHER GOODS, NEC	92.9	92.9	92.9	95.6	95.6	95.6	33.0	25.4
31990	LEATHER GOODS NEC	92.9	92.9	92.9	95.6	95.6	95.6	33.0	25.4
32	STONE, CLAY & GLASS PRODUCTS	86.5	87.0	86.0	89.0	89.4	88.5	82.7	81.6
321	FLAT GLASS	93.5	93.5	93.5	89.4	89.4	89.4	93.2	88.2
3211	FLAT GLASS	93.5	93.5	93.5	89.4	89.4	89.4	93.2	88.2
32111	SHEET WINDOW GLASS NOT ROLLED INCLUDING COLORED	114.5	114.7	114.4	92.4	92.5	92.3	100.0	100.0
32113	LAMINATED GLASS INCLUDING SAFETY GLASS	107.5	107.5	107.5	86.6	86.6	86.6	85.4	75.2
32114	PLATE GLASS AND OTHER FLAT GLASS	72.2	72.2	72.2	91.1	91.1	91.1	100.0	100.0
322	PRESSED AND BLOWN GLASSWARE	93.6	94.1	93.2	87.2	87.6	86.7	75.3	68.1
3221	GLASS CONTAINERS	87.8	87.9	87.7	85.7	85.8	85.5	99.1	98.3
32210	GLASS CONTAINERS	87.8	87.9	87.7	85.7	85.8	85.5	99.1	98.3
3229	PRESSED AND BLOWN GLASS, NEC	96.9	98.7	95.1	97.4	98.9	95.2	30.3	22.7
32291	TABLE KITCHEN ART AND NOVELTY GLASSWARE	91.9	92.7	91.1	90.3	91.0	89.4	43.1	42.6
32292	LIGHTING AND ELECTRONIC GLASSWARE	152.2	152.0	152.2	74.8	74.7	74.9	1.5	1.4
32293	GLASS FIBER FOR TEXTILE AND OTHER USES EXCEPT INSULATION	51.7	51.7	51.7	110.1	110.1	110.1	100.0	100.0
32294	OTHER PRESSED AND BLOWN GLASSWARE	123.6	122.7	124.7	86.0	85.4	86.7	8.3	5.5
323	PRODUCTS OF PURCHASED GLASS	94.2	97.0	91.2	91.3	94.2	88.5	79.9	81.1
3231	PRODUCTS OF PURCHASED GLASS	94.2	97.0	91.2	91.3	94.2	88.5	79.9	81.1
32310	PRODUCTS OF PURCHASED GLASS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32315	MIRRORS	74.9	75.2	74.5	104.6	105.0	104.1	75.0	79.0
32316	OTHER GLASS PRODUCTS MADE OF PURCHASED GLASS	103.3	106.5	99.6	86.5	89.5	83.7	100.0	100.0
324	CEMENT, HYDRAULIC	88.7	88.6	88.8	85.9	85.8	86.1	97.4	96.6
3241	CEMENT, HYDRAULIC	88.7	88.6	88.8	85.9	85.8	86.1	97.4	96.6
32410	CEMENT HYDRAULIC	88.7	88.6	88.8	85.9	85.8	86.1	97.4	96.6
325	STRUCTURAL CLAY PRODUCTS	98.9	99.2	98.5	85.0	85.3	84.7	95.1	97.4
3251	BRICK AND STRUCTURAL TILE	104.2	104.2	104.2	86.7	86.8	86.7	95.2	98.2
32510	BRICK AND STRUCTURAL TILE NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32511	BRICK EXCEPT CERAMIC BRICK AND REFRACTORY BRICK	105.8	105.9	105.8	87.2	87.3	87.1	100.0	100.0
32512	GLAZED BRICK AND STRUCTURAL HOLLOW TILE	114.8	114.5	115.2	84.7	84.5	84.9	100.0	100.0
3253	CERAMIC WALL AND FLOOR TILE	75.7	75.9	75.6	94.8	94.9	94.6	96.8	100.0
32530	CLAY FLOOR AND WALL TILE	75.7	75.9	75.6	94.8	94.9	94.6	96.8	100.0
3255	CLAY REFRACTORIES	106.6	106.7	106.4	76.6	76.7	76.4	97.0	97.4
32550	CLAY REFACTORIES	106.6	106.7	106.4	76.6	76.7	76.4	97.0	97.4
3259	STRUCTURAL CLAY PRODUCTS, NEC	103.3	103.2	103.3	83.3	83.3	83.4	90.9	93.2
32591	VITRIFIED CLAY SEWER PIPE AND FITTINGS	101.6	101.6	101.6	82.5	82.5	82.5	100.0	100.0
32592	OTHER STRUCTURAL CLAY PRODUCTS NEC	105.7	105.8	105.5	85.4	85.5	85.3	73.5	81.2
326	POTTERY AND RELATED PRODUCTS	107.1	108.2	105.7	88.9	90.0	87.9	55.2	60.0
3261	VITREOUS PLUMBING FIXTURES	91.1	91.1	91.1	98.0	98.0	98.0	91.3	95.9
32610	VITREOUS AND SEMIVITREOUS PLUMBING FIXTURES AND ACCESSORIES	91.1	91.1	91.1	98.0	98.0	98.0	91.3	95.9
3262	VITREOUS CHINA FOOD UTENSILS	112.9	113.3	112.5	81.8	82.0	81.5	99.6	99.1
32620	VITREOUS CHINA FOOD UTENSILS	112.9	113.3	112.5	81.8	82.0	81.5	99.6	99.1
3263	EARTHENWARE FOOD UTENSILS	166.7	166.9	166.7	79.0	79.1	78.9	97.6	100.0
32630	EARTHENWARE SEMIVITREOUS FOOD UTENSILS	166.7	166.9	166.7	79.0	79.1	78.9	97.6	100.0
3264	PORCELAIN ELECTRICAL SUPPLIFS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32640	PORCELAIN ELECTRICAL SUPPLIES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3269	POTTERY PRODUCTS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32690	POTTERY PRODUCTS NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
327	CONCRETE AND PLASTER PRODUCTS	74.0	74.1	74.0	89.3	89.3	89.2	89.2	92.2
3271	CONCRETE BLOCK AND BRICK	98.6	98.7	98.5	91.5	91.5	91.4	95.1	88.0
32710	CONCRETE BLOCK AND BRICK	98.6	98.7	98.5	91.5	91.5	91.4	95.1	88.0
3272	CONCRETE PRODUCTS	60.1	60.2	59.9	84.5	84.7	84.2	56.6	69.3
32720	CONCRETE PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32721	CONCRETE PIPE	72.6	72.8	72.4	86.2	86.4	85.9	92.9	92.8
32722	OTHER PRECAST AND PRESTRESSED CONCRETE PRODUCTS	65.8	65.8	65.7	80.1	80.1	80.1	34.9	40.8
3273	READY-MIXED CONCRETE	69.5	69.5	69.5	89.6	89.6	89.6	100.0	100.0
32730	READY MIXED CONCRETE	69.5	69.5	69.5	89.6	89.6	89.6	100.0	100.0
3274	LIME	88.5	89.1	87.8	93.6	94.3	92.9	92.5	92.8
32740	LIME	88.5	89.1	87.8	93.6	94.3	92.9	92.5	92.8
3275	GYPSUM PRODUCTS	89.2	89.3	89.2	89.0	89.0	89.0	98.7	99.3
32750	GYPSUM PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32751	GYPSUM BUILDING MATERIALS BUILDING PLASTERS ETC	89.7	89.7	89.7	89.0	89.0	89.0	100.0	100.0
32752	OTHER GYPSUM PRODUCTS INDUSTRIAL PLASTERS	98.2	98.2	98.2	88.6	88.6	88.6	100.0	100.0
328	CUT STONE AND STONE PRODUCTS	73.3	75.1	71.8	119.5	121.5	116.3	32.4	28.0
3281	CUT STONE AND STONE PRODUCTS	73.3	75.1	71.8	119.5	121.5	116.3	32.4	28.0
32810	CUT STONE AND STONE PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32811	CUT GRANITE AND GRANITE PRODUCTS	56.3	56.3	56.3	136.4	136.4	136.4	29.7	25.3
32812	CUT LIMESTONE PRODUCTS	89.9	89.9	89.9	126.9	126.9	126.9	32.3	32.0
32813	CUT MARBLE AND OTHER CUT STONE PRODUCTS	88.1	91.3	84.9	100.1	103.1	95.8	44.0	34.6
329	NONMETALLIC MINERALS, NEC	86.9	88.0	85.6	92.8	93.9	91.4	71.8	71.5
3291	ABRASIVE PRODUCTS	100.5	100.3	100.6	88.4	88.3	88.6	50.7	50.7
32910	ABRASIVE PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32911	NONMETALLIC ARTIFICIAL SIZED GRAINS POWDERS ETC ABRASIVES	106.2	105.3	107.3	79.2	78.4	79.9	100.0	100.0
32912	NONMETALLIC BONDED ABRASIVE PRODUCTS INCL DIAMOND ABRASIVES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32913	NONMETALLIC COATED ABRASIVE PRODUCTS	95.9	95.9	95.8	91.7	91.7	91.7	86.8	92.3
32914	METAL ABRASIVES	93.7	93.6	93.7	88.6	88.5	88.6	96.9	96.7
3292	ASBESTOS PRODUCTS	88.1	89.0	87.1	90.2	90.9	89.4	97.5	98.5
32920	ASBESTOS PRODUCTS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32922	ASBESTOS FRICTION MATERIALS	87.8	88.8	86.7	94.2	95.3	92.9	100.0	99.2
32924	ASBESTOS CEMENT SHINGLES AND CLAPBOARD	143.1	143.1	143.1	78.4	78.4	78.4	100.0	100.0
32925	ASPHALT FLOOR TILE	67.4	67.4	67.4	96.0	96.0	96.0	100.0	100.0
32926	VINYL ASBESTOS FLOOR TILE	65.8	65.8	65.8	96.0	96.0	96.0	100.0	100.0
32927	ASBESTOS TEXTILES AND OTHER ASBESTOS PRODUCTS	95.4	95.4	95.4	87.3	86.8	88.0	95.9	96.8
3293	GASKETS AND INSULATIONS	92.3	92.5	92.2	92.9	93.0	92.7	12.2	13.3
32930	STEAM AND OTHER PACKING AND PIPE AND BOILER COVERINGS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32932	GASKETS ALL TYPES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32933	PACKING EXC LEATHER RUBBER & METAL & ASBESTOS INSULATIONS	108.3	108.6	108.1	92.9	93.0	92.7	42.0	38.7
3295	MINERALS- GROUND OR TREATED	92.1	91.7	92.4	89.4	89.1	89.8	84.7	92.1
32950	MINERALS AND EARTHS GROUND OR OTHERWISE TREATED	92.1	91.7	92.4	89.4	89.1	89.8	84.7	92.1
3296	MINERAL WOOL	59.0	59.6	58.4	117.9	118.8	116.4	90.1	94.2
32960	MINERAL WOOL NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
32961	MINERAL WOOL FOR STRUCTURAL INSULATION	74.3	74.6	74.1	111.7	112.1	111.5	98.7	100.0
32962	MINERAL WOOL FOR INDL AND EQUIP INSULATION	52.2	52.8	51.8	121.8	122.5	120.3	89.0	92.4
3297	NONCLAY REFRACTORIES	83.1	83.3	82.6	82.3	82.6	81.9	92.2	92.2
32970	NONCLAY REFRACTORIES	83.1	83.3	82.6	82.3	82.6	81.9	92.2	92.2
3299	NONMETALLIC MINERALS, NEC	114.0	117.6	109.5	78.7	81.7	76.0	59.5	57.4
32990	NONMETALLIC MINERAL PRODUCTS NEC	114.0	117.6	109.5	78.7	81.7	76.0	59.5	57.4
33	PRIMARY METAL INDUSTRIES	102.7	103.0	102.4	85.4	85.9	85.0	93.6	94.9
331	STEEL ROLLING AND FINISHING	103.7	103.7	103.6	80.1	80.3	79.9	98.5	99.4
3312	BLAST FURNACE AND STEEL MILL PRODUCTS	103.7	103.8	103.6	80.1	80.3	79.9	98.6	99.5
33120	OTHER STEEL MILL PRODUCTS EXCEPT WIRE PRODUCTS	160.3	160.5	159.7	75.9	76.0	75.8	94.4	100.0
33121	COKE OVEN, BLAST FURNACE, AND ELECTROMETALLURGICAL PRODUCTS	104.1	104.3	104.0	87.3	87.2	87.3	95.4	94.6
33122	STEEL INGOT AND SEMI-FINISHED SHAPES	104.0	103.8	104.0	77.3	77.3	77.2	99.3	100.0
33123	HOT ROLLED SHEET AND STRIP INCLUDING TIN MILL PRODUCTS	100.6	100.6	100.7	83.5	83.5	83.5	98.7	100.0
33124	HOT ROLLED BARS & BAR SHAPES, PLATES, STRUCT SHAPES, ETC	103.3	103.4	103.3	77.2	77.3	77.2	99.9	100.0
33125	STEEL WIRE	98.0	97.9	98.1	78.9	78.8	78.9	98.6	100.0
33126	STEEL PIPE AND TUBE	111.2	111.7	110.6	78.4	78.9	78.0	96.9	100.0
33127	COLD ROLLED STEEL SHEET AND STRIP	96.0	96.3	95.5	80.7	81.2	80.3	99.4	100.0
33129	OPEN DIE OR SMITH FORGINGS MADE IN STEEL MILLS	115.5	115.1	115.9	74.0	73.7	74.2	100.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
3313	ELECTROMETALLURGICAL PRODUCTS	95.7	95.7	95.7	77.3	77.3	77.3	100.0	100.0
33130	ELECTRIC FURNACE FERROALLOYS AND OTHER ADDITIVES	95.7	95.7	95.7	77.3	77.3	77.3	100.0	100.0
3315	STEEL WIRE DRAWING	105.3	106.0	104.3	82.8	83.5	82.1	95.9	97.3
33150	STEEL WIRE DRAWING NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33151	NONINSULATED FERROUS WIRE, ROPE, ETC. MADE IN STEEL MILLS	94.6	94.6	94.5	93.8	93.9	93.8	100.0	100.0
33152	STEEL NAILS AND SPIKES	112.5	113.4	111.4	82.4	83.2	81.8	97.1	98.5
33156	FENCING AND FENCE GATES MADE IN STEEL MILLS	128.0	131.6	123.5	73.0	75.7	71.0	100.0	100.0
33157	WIRE CLOTH AND OTHER WOVEN WIRE PROD MADE IN STEEL MILLS	122.4	122.2	122.5	83.3	83.1	83.3	80.8	83.6
33159	OTHER FABRICATED FERROUS WIRE PROD MADE IN STEEL MILLS	97.8	97.6	97.9	79.7	79.6	79.8	97.3	96.7
3316	COLD FINISHING OF STEEL SHAPES	106.5	106.7	106.2	77.7	77.9	77.5	97.8	100.0
33168	COLD FINISHED STEEL BARS AND BAR SHAPES	106.5	106.7	106.2	77.7	77.9	77.5	97.8	100.0
332	IRON AND STEEL FOUNDRIES	111.9	112.1	111.7	86.8	87.0	86.7	96.5	100.0
3321	GRAY IRON FOUNDRIES	111.1	110.9	111.2	89.2	89.0	89.3	95.5	100.0
33210	GRAY IRON CASTINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33211	MOLDS FOR HEAVY STEEL INGOTS	88.1	88.1	88.1	84.5	84.5	84.5	100.0	100.0
33212	CAST IRON PRESSURE PIPE AND FITTINGS	107.8	107.8	107.6	80.6	80.7	80.5	100.0	100.0
33213	CAST IRON SOIL PIPE AND FITTINGS	100.2	100.2	100.2	90.3	90.3	90.3	100.0	100.0
33214	ALL OTHER GRAY-IRON CASTINGS	123.9	123.9	123.9	91.2	91.2	91.2	100.0	100.0
3322	MALLEABLE IRON FOUNORIES	119.0	119.0	119.0	84.7	84.7	84.7	98.8	100.0
33220	MALLEABLE IRON CASTINGS	119.0	119.0	119.0	84.7	84.7	84.7	98.8	100.0
3323	STEEL FOUNORIES	111.5	112.6	110.1	81.6	82.6	80.8	98.5	100.0
33230	STEEL CASTINGS	111.5	112.6	110.1	81.6	82.6	80.8	98.5	100.0
333	PRIMARY NONFERROUS METAL	100.7	100.9	100.6	98.3	98.3	98.3	99.6	100.0
3331	PRIMARY COPPER	94.7	94.7	94.8	111.1	111.2	111.0	100.0	100.0
33311	COPPER SMELTER PRODUCTS	99.2	99.2	99.2	113.8	113.8	113.8	100.0	100.0
33312	REFINED COPPER MADE BY PRIMARY COPPER REFINERS	91.6	91.6	91.6	108.3	108.5	108.3	100.0	100.0
3332	PRIMARY LEAD	102.2	102.2	102.2	120.8	120.8	120.8	100.0	100.0
33321	LEAD SMELTER PRODUCTS	102.2	102.2	102.2	120.8	120.8	120.8	100.0	100.0
3333	PRIMARY ZINC	98.1	98.0	98.2	108.8	108.7	109.1	100.0	100.0
33331	ZINC RESIDUES AND OTHER ZINC SMELTER PRODUCTS	72.6	72.6	72.6	104.6	104.6	104.6	100.0	100.0
33334	REFINED PRIMARY ZINC PRODUCTS	101.7	101.6	101.7	109.4	109.3	109.5	100.0	100.0
3334	PRIMARY ALUMINUM	94.7	94.7	94.7	82.6	82.6	82.6	100.0	100.0
33341	ALUMINUM-BASE ALLOYS, INDUSTRY 3334	73.2	73.2	73.2	81.6	81.6	81.6	100.0	100.0
33342	REFINED UNALLOYED ALUMINUM	104.5	104.6	104.4	83.1	83.1	83.0	100.0	100.0
3339	PRIMARY NONFERROUS METALS, NEC	185.5	185.2	186.2	94.6	94.3	94.8	95.6	100.0
33390	PRIMARY NONFERROUS METALS, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33397	OTHER NONFERROUS METALS, SMELTED OR REFINED	186.6	185.9	186.9	94.6	94.3	94.8	96.1	100.0
334	SECONDARY NONFERROUS METALS	92.3	92.3	92.3	105.0	105.4	104.7	96.2	99.3
3341	SECONDARY NONFERROUS METALS	92.3	92.3	92.3	105.0	105.4	104.7	96.2	99.3
33410	SECONDARY SMELTING, REFINING, ETC. OF NONFERROUS METALS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33411	SECONDARY ALUMINUM-BASE ALLOYS	79.1	79.1	79.1	91.9	92.0	91.9	100.0	100.0
33412	SECONDARY REFINED COPPER	83.0	83.5	82.4	110.1	112.2	108.0	100.0	100.0
33413	SECONDARY REFINED LEAD	103.0	103.2	102.8	113.5	114.0	113.0	97.9	100.0
33414	SECONDARY REFINED ZINC	114.2	114.3	114.2	98.2	98.4	98.1	100.0	100.0
33415	PRECIOUS METALS	98.1	98.1	98.1	98.9	98.9	98.9	98.1	97.2
335	NONFERROUS ROLLING AND DRAWING	89.9	90.3	89.7	96.2	96.5	96.0	75.5	75.6
3351	COPPER ROLLING AND DRAWING	113.8	113.9	113.6	100.8	100.9	100.7	99.7	100.0
33511	COPPER & COP-BASE ALLOY WIRE FOR PURP OTH THAN ELECTR TRANS	134.8	134.8	134.6	97.7	97.8	97.6	100.0	100.0
33512	ROLLED, DRAWN, & EXTRUDED COPPER & COP-BASE ALLOY MILL PRODS	112.7	112.9	112.6	101.0	101.1	100.9	99.7	100.0
3352	ALUMINUM ROLLING AND DRAWING	73.3	73.7	72.8	89.8	90.2	89.1	99.0	100.0
33520	ALUMINUM-BASE ALLOYS, NSK	65.2	65.2	65.2	87.3	87.3	87.3	90.3	100.0
33521	ALUMINUM AND ALUM-BASE ALLOY WIRE AND CABLE MADE IN IND 3352	92.5	93.5	91.2	84.8	85.9	83.8	100.0	100.0
33522	ALUMINUM PLATE AND SHEET INCLUDING FOIL STOCK	77.1	77.1	77.0	84.4	84.4	84.4	99.5	100.0
33523	PLAIN ALUMINUM FOIL	53.9	54.1	53.6	92.5	92.8	92.0	100.0	100.0
33524	ROLLED ALUM ROD, BAR INCL CONTIN CAST AND STRUCTURAL SHAPES	98.4	98.4	98.4	82.4	82.4	82.4	100.0	100.0
33525	EXTRUDED ALUMINUM ROD AND BAR AND OTHER EXTRUDED SHAPES	61.3	61.3	61.3	104.0	104.0	104.0	100.0	100.0
33526	ALUMINUM TUBE AND OTHER ROLLED, ORAWN, OR EXTRUDED MILL PROD	86.4	87.1	85.5	99.8	100.6	98.8	100.0	100.0
3356	ROLLING AND DRAWING, NEC	80.9	86.3	76.1	104.2	110.5	97.5	59.0	63.2
33560	ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METAL PRODS	80.9	86.3	76.1	104.2	110.5	97.5	59.0	63.2

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
3357	NONFERROUS WIRE DRAWING, ETC	89.1	89.1	89.0	98.4	98.4	98.3	41.3	40.0
3357D	DRAWN AND INSULATED NONFERROUS WIRE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33571	ALUM AND AL-BASE ALLOY WIRE AND CABLE MADE IN IND 3357	91.7	92.9	90.4	85.5	86.6	84.3	100.0	100.0
33572	COPPER AND COP-BASE ALLOY WIRE BARE & TINNED, FOR ELEC TRANS	105.3	105.4	105.2	101.5	101.6	101.4	99.7	100.0
33573	OTHER NONFERROUS METAL WIRE MADE IN NONFERROUS WIRE PLANTS	62.1	60.9	63.2	103.0	101.6	105.4	41.4	39.4
33574	COMMUNICATION WIRE AND CABLE	69.3	69.3	69.3	98.0	98.0	98.0	25.4	25.7
33576	APPLIANCE WIRE AND CORD & FLEXIBLE CORD SET MADE IN IND 3357	95.0	95.1	94.9	101.5	101.6	101.4	100.0	100.0
33577	MAGNET WIRE	96.8	96.8	96.8	98.0	98.0	98.0	53.9	51.7
33578	POWER WIRE AND CABLE	90.4	90.4	90.4	98.0	98.0	98.0	28.7	25.1
33579	OTHER INSULATED WIRE AND CABLE, NEC	99.6	99.6	99.6	98.0	98.0	98.0	18.9	11.6
336	NONFERROUS FOUNDRIES	106.8	107.5	106.0	91.4	92.2	90.8	79.3	82.7
3361	ALUMINUM CASTINGS	96.4	96.8	96.2	98.5	98.8	98.2	82.3	87.5
3361D	ALUMINUM CASTINGS	96.4	96.8	96.2	98.5	98.8	98.2	82.3	87.5
3362	BRASS, BRONZE, COPPER CASTINGS	129.0	129.4	128.7	81.4	81.6	81.2	77.6	86.2
3362D	BRASS, BRONZE, COPPER CASTINGS	129.0	129.4	128.7	81.4	81.6	81.2	77.6	86.2
3369	NONFERROUS CASTINGS, NEC	105.6	105.5	105.7	90.2	90.1	90.3	76.0	70.9
3369D	NONFERROUS CASTINGS, NEC,	105.6	105.5	105.7	90.2	90.1	90.3	76.0	70.9
339	PRIMARY METAL INDUSTRIES NEC	107.0	109.6	104.0	83.3	85.6	81.2	90.6	96.1
3391	IRON AND STEEL FORGINGS	115.9	116.1	115.6	80.1	80.3	79.9	94.8	99.6
3391D	IRON AND STEEL FORGINGS, NOT SPECIFIED BY KIND	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33911	DROP, UPSET, AND PRESS STEEL FORGINGS CLOSED DIE	119.8	120.2	119.3	80.2	80.5	79.9	96.9	100.0
33919	OPEN DIE OR SMITH FORGINGS EXC THAT PRODUCED IN STEEL MILLS	107.3	107.1	107.6	79.4	79.2	79.6	95.2	100.0
3392	NONFERROUS FORGINGS	81.8	92.6	71.7	95.2	107.5	83.3	83.6	92.8
3392D	NONFERROUS FORGINGS	81.8	92.6	71.7	95.2	107.5	83.3	83.6	92.8
3399	PRIMARY METAL INDUSTRIES, NEC	94.5	96.3	92.4	89.1	91.0	87.3	79.4	82.4
3399D	PRIMARY METAL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
33991	METAL POWDERS AND PASTE	105.0	105.9	103.8	87.0	88.0	86.2	58.3	59.8
33992	NONFERROUS NAILS, BRADS, TACKS, AND STAPLES	266.7	266.7	266.7	99.2	99.2	99.2	100.0	100.0
33996	HEAT TREATING OF STEEL FOR THE TRADE	90.3	92.8	87.7	89.5	91.9	87.0	100.0	100.0
34	FABRICATED METAL PRODUCTS	93.1	93.5	92.6	85.7	86.1	85.3	69.7	72.4
341	METAL CANS	88.1	88.1	88.1	85.8	85.8	85.8	99.6	99.1
3411	METAL CANS	88.1	88.1	88.1	85.8	85.8	85.8	99.6	99.1
3411D	METAL CANS	88.1	88.1	88.1	85.8	85.8	85.8	99.6	99.1
342	CUTLERY, HAND TOOLS, HARDWARE	103.4	103.7	103.1	83.1	83.3	82.9	48.4	50.0
3421	CUTLERY	109.4	109.8	108.9	86.5	86.8	86.1	57.4	51.9
3421D	CUTLERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34211	CUTLERY, SCISSORS, SHEARS, TRIMMERS, AND SNIPS	121.4	121.4	121.4	91.1	91.1	91.1	16.1	13.7
34212	RAZORS, EXCEPT ELECTRIC, AND RAZOR BLADES	98.0	98.5	97.5	85.8	86.2	85.3	100.0	100.0
3423	EDGE TOOLS	104.0	105.0	102.8	81.4	82.2	80.5	41.0	38.9
3423D	HAND AND EDGE TOOLS, EXCEPT MACHINE TOOLS AND HAND SAWS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34231	MECHANICS HAND SERVICE TOOLS	104.2	104.4	103.8	86.1	86.3	85.8	54.3	46.4
34232	EDGE TOOLS	106.7	107.2	106.0	76.2	76.7	75.9	21.8	25.0
34233	FILES, RASPS, AND FILE ACCESSORIES AND OTHER HAND TOOLS	113.0	114.4	111.0	75.5	76.7	74.5	39.3	37.9
3425	HAND SAWS AND SAW BLADES	114.0	114.2	113.9	74.8	74.9	74.7	56.5	58.6
3425D	HANDSAWS AND SAW BLADES	114.0	114.2	113.9	74.8	74.9	74.7	56.5	58.6
3429	HARDWARE, NEC	101.9	102.0	101.8	83.7	83.8	83.6	49.4	53.0
3429D	HARDWARE, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34291	TRANSPORTATION EQUIPMENT HARDWARE	112.7	112.7	112.7	82.9	82.9	82.9	100.0	100.0
34292	FURNITURE HARDWARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34293	VACUUM BOTTLES AND JUGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34294	BUILDERS HARDWARE	93.4	93.5	93.3	86.8	86.9	86.7	34.2	35.9
34295	OTHER HARDWARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
343	PLUMBING & NONELECTRIC HEATING	92.4	93.3	91.5	98.3	99.3	97.4	70.2	76.3
3431	PLUMBING FIXTURES	95.9	96.1	95.8	120.0	120.2	119.9	93.5	97.3
3431D	METAL PLUMBING FIXTURES	95.9	96.1	95.8	120.0	120.2	119.9	93.5	97.3
3432	PLUMBING FITTINGS, BRASS GOODS	80.5	81.1	80.0	101.7	102.4	100.9	53.0	53.5
3432D	PLUMBING FIXTURES FITTINGS AND TRIM, BRASS GOODS	80.5	81.1	80.0	101.7	102.4	100.9	53.0	53.5

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
3433	NONELECTRIC HEATING EQUIPMENT	96.4	97.4	95.4	91.7	92.7	90.7	70.5	77.0
34330	NONELECTRIC HEATING EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34331	OIL BURNERS, SOLD SEPARATELY	111.1	109.3	112.7	106.2	104.4	107.5	79.9	96.6
34332	WARM AIR FURNACES	94.5	95.5	93.5	101.3	102.4	100.1	96.4	98.3
34333	CONVECTORS AND CAST IRON HEATING BOILERS AND RADIATORS	93.5	94.5	92.2	88.4	89.5	87.3	92.5	99.6
34334	DOMESTIC HEATING STOVES, COMPLETE EXCEPT ELECTRIC	113.6	114.3	113.0	83.5	84.0	83.1	100.0	99.5
34335	STEEL HEATING BOILERS 15 PSI AND UNDER OR EQUIVALENT	117.9	119.9	115.3	71.8	73.4	70.6	97.2	97.1
34336	OTHER HEATING EQUIPMENT, EXCEPT ELECTRIC, INCLUDING PARTS	104.2	104.5	103.8	87.0	87.2	86.7	30.9	32.5
344	STRUCTURAL METAL PRODUCTS	85.0	85.7	84.3	84.5	85.2	83.8	72.4	77.3
3441	FABRICATED STRUCTURAL STEEL	87.5	87.6	87.4	79.7	79.8	79.6	84.7	92.2
34410	STRUCTURAL AND ORNAMENTAL PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34411	FABRICATED STRUCTURAL IRON AND STEEL FOR BUILDINGS	91.0	91.2	90.7	80.6	80.8	80.5	88.7	94.9
34412	FABRICATED STRUCTURAL IRON AND STEEL FOR BRIDGES	92.1	91.9	92.3	77.4	77.3	77.5	100.0	100.0
34413	OTHER FABRICATED STRUCTURAL IRON AND STEEL	94.6	94.6	94.6	79.0	79.1	79.0	96.1	93.2
3442	METAL DOORS, SASH, AND TRIM	68.3	68.7	67.8	101.2	101.7	100.5	80.7	86.3
34420	METAL DOORS, SASH, FRAMES, MOLDING, AND TRIM, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34421	METAL DOORS AND FRAMES	79.8	79.8	79.8	97.7	97.7	97.7	90.4	90.8
34422	METAL WINDOW SASH AND FRAMES	74.3	75.2	73.4	97.5	98.5	96.1	93.0	95.5
34423	METAL MOLDING AND TRIM, AND STORE FRONTS	71.8	71.8	71.8	97.6	97.6	97.6	80.4	78.2
34424	METAL STORM SASH AND COMB SCREEN AND STORM SASH AND DOORS	66.6	66.6	66.6	110.1	110.1	110.1	80.1	78.3
34425	METAL WINDOW & DOOR SCREENS EXC COMB AND METAL WEATHER STRIP	68.9	68.9	68.9	107.6	107.6	107.6	100.0	100.0
3443	BOILER SHOP PRODUCTS	95.6	96.1	95.0	81.6	82.0	81.1	68.3	74.5
34430	BOILER SHOP PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34431	HEAT EXCHANGERS AND STEAM CONDENSERS	106.8	107.8	105.8	81.4	82.1	80.7	81.2	78.9
34432	FABRICATED STEEL PLATE	72.3	72.3	72.3	93.2	93.2	93.2	88.5	96.1
34433	STEEL POWER BOILERS, PARTS, AND ATTACHMENTS	83.8	83.8	83.8	77.2	77.2	77.2	72.4	84.7
34434	GAS CYLINDERS AND OTHER BOILER SHOP PRODUCTS	140.4	145.1	134.6	77.6	80.9	75.1	23.5	21.7
34435	METAL TANKS, COMPLETE AT FACTORY AND METAL SEPTIC TANKS	110.5	110.5	110.6	82.6	82.5	82.6	54.1	57.8
34436	METAL TANKS VESSELS, CUSTOM FABRICATED AT THE FACTORY	113.5	113.3	113.9	77.6	77.3	77.8	85.2	94.5
3444	SHEET METAL WORK	85.3	85.5	85.0	84.7	84.9	84.4	64.2	67.5
34440	SHEET METAL WORK, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34441	SHEET METAL ROOFING AND SIDING AND ROOF DRAINAGE EQUIPMENT	90.3	90.5	89.9	79.4	79.6	79.1	95.4	97.4
34442	CULVERTS, FLUMES, IRRIGATION PIPES	76.9	76.9	76.9	96.4	96.4	96.4	100.0	100.0
34443	OTHER SHEET METAL WORK	100.9	100.9	100.9	83.4	83.4	83.4	70.6	65.4
3449	MISCELLANEOUS METAL WORK, NFC	82.8	83.3	82.2	81.3	81.8	80.7	58.6	58.3
34491	ORNAMENTAL AND STRUCTURAL METAL WORK	101.7	101.7	101.7	80.4	80.4	80.4	33.0	34.2
34492	PREFABRICATED AND PORTABLE METAL BUILDINGS AND PARTS	79.9	83.8	75.1	75.4	79.2	71.0	52.0	52.3
34493	MISCELLANEOUS METAL BUILDING MATERIALS	70.6	70.1	71.1	83.5	83.1	84.1	82.6	88.5
345	SCREW MACHINE PRODUCTS & BOLTS	106.8	107.1	106.6	82.2	82.4	82.0	54.8	58.4
3451	SCREW MACHINE PRODUCTS	114.5	114.5	114.5	86.4	86.4	86.4	32.3	32.3
34510	SCREW MACHINE PRODUCTS	114.5	114.5	114.5	86.4	86.4	86.4	32.3	32.3
3452	BOLTS, NUTS, WASHERS, & RIVETS	101.2	101.5	100.9	81.2	81.4	81.0	66.0	74.1
34520	BOLTS, NUTS, WASHERS, AND RIVETS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34521	BOLTS, NUTS, SCREWS, ETC STANDARD TYPES ONLY	104.6	104.9	104.3	81.2	81.4	81.0	84.7	92.1
34522	SPECIAL INDUSTRIAL FASTENERS OTHER THAN STANDARD TYPE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
346	METAL STAMPINGS	98.6	98.8	98.3	88.5	88.7	88.3	58.2	57.5
3461	METAL STAMPINGS	98.6	98.8	98.3	88.5	88.7	88.3	58.2	57.5
34610	METAL STAMPINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34611	VITREOUS ENAMELED PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34612	JOB STAMPINGS, EXCEPT AUTOMOTIVE	90.3	90.3	90.3	98.1	98.1	98.1	48.3	48.8
34613	AUTOMOTIVE STAMPINGS	103.8	103.8	103.8	82.9	82.9	82.9	100.0	100.0
34614	STAMPED AND SPUN HOSP UTENSILS, AND COOKING UTENSILS, ALUM	92.2	92.2	92.2	90.7	90.7	90.7	87.5	87.5
34615	STAMPED AND SPUN HOSP AND COOKING UTENSILS, EXC ALUMINUM	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34616	METAL COMMERCIAL CLOSURES, EXCEPT CROWNS	80.6	80.6	80.6	89.8	89.9	89.8	83.6	82.5
34617	METAL CROWNS FOR GLASS AND METAL CONTAINERS	106.6	106.6	106.6	91.1	91.1	91.1	100.0	100.0
34618	OTHER STAMPED PRESSED METAL END PRODUCTS	117.4	117.4	117.2	94.2	94.2	94.1	8.0	6.5
347	METAL SERVICES, NEC	86.0	86.5	85.4	85.5	86.1	85.0	65.5	75.6
3471	PLATING AND POLISHING	99.2	99.8	98.5	85.5	86.1	85.0	100.0	100.0
34710	ELECTROPLATING, PLATING AND POLISHING	99.2	99.8	98.5	85.5	86.1	85.0	100.0	100.0
3479	METAL COATING, ENGRAVING, ETC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34790	METAL COATING AND ENGRAVING, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
348	FABRICATED WIRE PRODUCTS, NEC	94.0	94.3	93.7	89.9	90.2	89.6	61.4	68.3
3481	FABRICATED WIRE PRODUCTS, NEC	94.0	94.3	93.7	89.9	90.2	89.6	61.4	68.3
34810	MISCELLANEOUS FABRICATED WIRE PRODUCTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34811	NON-INSULATED FERR WIRE, ETC. NOT MADE BY WIRE DRAWERS	90.7	90.7	90.6	94.6	94.6	94.6	97.3	98.0
34812	PRECISION MECHANICAL SPRINGS	117.6	117.6	117.6	76.5	76.5	76.5	100.0	100.0
34813	OTHER WIRE SPRINGS	102.0	102.1	101.8	99.7	99.9	99.6	64.6	72.0
34816	FENCING AND FENCE GATES NOT MADE BY WIRE DRAWERS	92.1	92.6	91.5	94.4	95.0	93.8	87.4	94.3
34817	WIRE CLOTH AND OTH WOVEN WIRE PROD NOT MADE BY WIRE DRAWERS	88.3	88.7	87.8	94.3	94.8	93.8	77.1	83.6
34819	OTHER FABRICATED FERROUS WIRE PROD NOT MADE BY WIRE DRAWERS	92.9	92.9	92.9	82.7	82.7	82.7	30.4	31.9
349	FABRICATED METAL PRODUCTS, NEC	98.8	99.3	98.3	82.3	82.8	81.9	78.6	81.1
3491	METAL BARRELS, DRUMS AND PAILS	98.5	98.5	98.6	82.8	82.7	82.8	99.4	100.0
34910	METAL BARRELS, DRUMS, AND PAILS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34911	STEEL SHIPPING PACKAGES, KEGS, AND PAILS, 12 GAL CAP & UNDER	86.0	86.0	86.0	79.4	79.4	79.4	100.0	100.0
34912	STEEL SHIPPING BARRELS AND DRUMS, OVER 12 GAL CAP, EX BEER	105.0	105.0	105.0	84.3	84.3	84.3	100.0	100.0
34913	ALL OTHER METAL BARRELS, INC BEER BARRELS	104.9	106.0	103.5	81.8	82.9	80.9	100.0	100.0
3492	SAFES AND VAULTS	96.6	98.5	94.3	78.2	79.9	76.5	52.3	55.0
34920	SAFES AND VAULTS	96.6	98.5	94.3	78.2	79.9	76.5	52.3	55.0
3493	STEEL SPRINGS	112.4	112.9	111.7	86.7	87.1	86.2	76.8	81.9
34930	STEEL SPRINGS	112.4	112.9	111.7	86.7	87.1	86.2	76.8	81.9
3494	VALVES AND PIPE FITTINGS	96.3	97.0	95.5	80.9	81.6	80.3	60.6	63.7
34940	VALVES AND FITTINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
34941	METAL VALVES FOR PIPING SYSTEMS, EX PLUMB AND HEAT VALVES	101.7	102.0	101.3	73.9	74.1	73.6	72.9	76.6
34942	METAL FITTINGS AND UNIONS, EX COMPRESSION FITTINGS, ETC	96.4	96.9	96.0	90.2	90.6	89.8	73.8	74.8
34943	PLUMBING AND HEATING VALVES AND SPECIALTIES, EX PLUMBERS	97.8	98.2	97.4	96.2	96.6	95.8	46.0	34.2
34944	OTHER METAL VALVES AND FITTINGS, EX PLUMBERS BRASS GOODS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3496	COLLAPSIBLE TUBES	101.8	101.9	101.7	90.2	90.3	90.0	93.3	90.8
34960	COLLAPSIBLE TUBES	101.8	101.9	101.7	90.2	90.3	90.0	93.3	90.8
3497	METAL FOIL AND LEAF	118.1	118.5	117.6	78.4	78.7	78.1	90.1	94.1
34970	METAL FOIL AND LEAF	118.1	118.5	117.6	78.4	78.7	78.1	90.1	94.1
3498	FABRICATED PIPE AND FITTINGS	100.8	100.8	100.8	80.0	80.0	80.0	100.0	100.0
34980	FABRICATED PIPE AND FITTINGS	100.8	100.8	100.8	80.0	80.0	80.0	100.0	100.0
3499	FABRICATED METAL PRODUCTS, NEC	96.2	96.8	95.5	85.5	86.1	85.0	100.0	100.0
34990	FABRICATED METAL PRODUCTS, NEC	96.2	96.8	95.5	85.5	86.1	85.0	100.0	100.0
35	MACHINERY, EXCEPT ELECTRICAL	92.0	94.1	89.7	89.4	91.5	87.3	47.6	49.6
351	ENGINES AND TURBINES	83.1	84.5	81.7	90.8	91.8	89.5	67.6	63.0
3511	STEAM ENGINES AND TURBINES	68.4	68.5	68.3	93.2	93.3	92.9	72.4	67.3
35111	STEAM, GAS & HYDRAULIC TURBINE GENERATOR SET UNITS AND PARTS	68.5	68.5	68.6	94.5	94.5	94.5	92.3	89.3
35112	STEAM, GAS, & HYDRAULIC TURB & PARTS, STEAM ENGINES AND PARTS	72.5	74.2	70.7	85.8	87.2	83.1	35.4	24.4
3519	INTERNAL COMBUSTION ENGINES	92.0	94.0	89.8	89.1	90.7	87.4	64.1	60.6
35191	GASOLINE ENGINES	98.1	100.1	96.2	100.5	101.9	98.8	100.0	100.0
35192	DIESEL ENGINES	103.8	107.4	99.5	81.0	82.9	79.4	100.0	100.0
35193	GAS ENGINES	50.6	50.7	50.4	87.5	87.6	87.3	100.0	100.0
35195	OUTBOARD MOTORS	55.8	55.8	55.8	86.4	86.4	86.4	100.0	100.0
35196	OTHER INTERNAL COMBUSTION ENGINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35197	PARTS AND ACCESSORIES FOR INTERNAL COMBUSTION ENGINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
352	FARM MACHINERY AND EQUIPMENT	87.3	90.5	84.0	89.8	93.1	86.1	75.2	75.7
3522	FARM MACHINERY AND EQUIPMENT	87.3	90.5	84.0	89.8	93.1	86.1	75.2	75.7
35220	FARM MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35222	WHEEL TRACTORS AND PARTS	88.7	90.5	86.7	88.9	90.8	86.7	84.9	85.2
35223	PLANTING, SEEDING AND FERTILIZING MACHINERY AND PARTS	105.3	105.4	105.2	88.4	88.4	88.4	68.9	73.1
35224	PLOWS, LISTERS, HARROWS, ROLLERS, PULVERIZERS, ETC	105.3	107.5	102.5	78.1	80.1	76.3	77.7	73.2
35225	HARVESTING MACHINERY AND PARTS	102.6	105.0	99.6	81.3	83.3	79.4	77.3	79.2
35226	HAYING MACHINERY AND PARTS	96.0	98.2	93.3	85.8	88.1	83.5	81.4	78.3
35227	LAWN MOWERS INCLUDING PARTS AND ATTACHMENTS	52.0	55.0	49.5	118.1	122.1	110.4	85.8	89.6
35228	PART ONE OF ALL OTHER FARM MACHINES AND EQUIPMENT	102.2	105.0	99.4	94.6	97.3	92.0	81.4	77.6
35229	PART TWO OF ALL OTHER FARM MACHINES AND EQUIPMENT	87.0	91.9	81.5	87.7	92.4	81.9	45.8	40.6
353	CONSTRUCTION MACHINERY & EQUIPMENT	97.4	97.8	96.8	81.4	81.8	81.0	65.5	67.3
3531	CONSTRUCTION MACHINERY	88.1	88.7	87.3	81.6	82.1	81.0	71.0	73.1
35310	CONSTRUCTION MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35311	WHEEL TRACTORS, CONTRACTORS OFF-HIGHWAY TYPE	68.3	67.9	68.8	76.0	75.6	76.6	95.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
35312	TRACKLAYING TRACTORS WHEEL TRACTORS, NSK	110.4	109.9	110.9	81.4	80.6	82.2	92.8	100.0
35313	PARTS AND ATTACHMENTS FOR TRACKLAYING AND WHEEL TRACTORS	77.8	77.8	77.8	79.5	79.4	79.5	80.6	78.3
35314	POWER CRANES, DRAGLINES AND SHOVELS	99.8	99.3	100.3	84.5	84.1	84.9	60.7	61.7
35316	MIXERS, PAVERS, AND RELATED EQUIPMENT, EXCLUDING PARTS	75.2	79.0	71.0	85.8	89.8	80.6	97.4	95.0
35317	TRACTOR SHOVEL LOADERS, INTEGRAL UNITS ONLY	113.1	113.0	113.3	74.6	74.5	74.6	100.0	100.0
35318	SCRAPERS, GRADERS, ROLLERS AND OFF-HIGHWAY TRUCKS, TRAILERS	73.8	74.0	73.5	82.2	82.4	81.8	89.4	100.0
35319	OTH CONSTRUCTION MACH AND EQUIP, INC PARTS	73.9	80.4	67.6	94.2	101.7	85.5	18.0	19.6
3532	MINING MACHINERY AND EQUIPMENT EXCEPT OIL FIELD	99.8	100.0	99.6	72.6	72.7	72.5	49.3	53.4
35321	UNDERGROUND MINING MACHINERY AND EQUIPMENT	125.9	125.6	126.3	75.6	75.4	75.8	82.5	88.3
35322	CRUSHING, PULVERIZING, AND SCREENING PLANTS, STATIONARY	91.7	93.2	89.8	68.6	69.8	67.3	98.4	95.9
35323	ALL OTHER MINING MACHINERY AND EQUIPMENT	85.8	84.8	87.0	77.8	76.9	78.9	10.2	11.3
3533	OIL FIELD MACHINES & EQUIPMENT	108.2	108.8	107.4	86.1	86.7	85.5	55.2	60.1
35330	OIL-FIELD MACHINERY AND TOOLS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35331	ROTARY OIL AND GAS FIELD DRILLING MACHINERY AND EQUIPMENT	118.3	119.0	117.5	85.0	85.6	84.5	75.2	77.5
35332	OTHER OIL AND GAS FIELD DRILLING MACHINERY AND EQUIPMENT	125.0	125.0	125.0	89.8	89.8	89.8	21.4	9.6
35333	OIL AND GAS FIELD PRODUCTION MACHINERY AND EQUIPMENT	95.8	95.6	96.0	88.0	87.8	88.1	41.2	48.3
35334	OTH OIL AND GAS FIELD MACH AND TOOLS INC WATER WELLS	115.1	117.4	112.5	86.4	88.5	84.8	68.9	78.4
3534	ELEVATORS AND MOVING STAIRWAYS	91.7	91.7	91.7	84.5	84.5	84.5	66.9	70.0
35340	ELEVATORS AND MOVING STAIRWAYS, EXCEPT FARM AND PORTABLE	91.7	91.7	91.7	84.5	84.5	84.5	66.9	70.0
3535	CONVEYORS	109.6	109.8	109.4	80.5	80.6	80.4	58.0	62.4
35350	CONVEYORS AND CONVEYING EQUIPMENT EXCEPT HOISTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35351	CONVEYORS AND CONVEYING EQUIPMENT, EXCEPT HOISTS	112.6	112.7	112.5	80.5	80.6	80.4	78.1	81.7
35352	PARTS, ATTACHMENTS AND ACCESSORIES FOR CONVEYORS AND SYSTEMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3536	HOISTS, CRANES, AND MONORAILS	119.0	119.5	118.5	80.7	81.1	80.4	99.6	100.0
35361	HOISTS	114.8	116.1	113.3	80.7	81.8	79.8	100.0	100.0
35362	OVERHEAD TRAVELING CRANES AND MONORAIL SYSTEMS	121.4	121.4	121.5	80.7	80.6	80.7	99.3	100.0
3537	INDUSTRIAL TRUCKS AND TRACTORS	117.5	117.2	117.9	78.4	78.1	78.6	48.4	44.4
35370	INDUSTRIAL TRUCKS, TRACTORS	117.5	117.2	117.9	78.4	78.1	78.6	48.4	44.4
354	METALWORKING MACHINERY	122.9	125.8	119.5	88.5	91.4	86.8	25.2	33.6
3541	METAL-CUTTING MACHINE TOOLS	192.1	190.8	173.0	91.6	97.8	88.7	71.0	78.5
35410	MACHINE TOOLS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35411	BORING MACHINES	241.5	259.7	222.7	87.2	97.3	83.3	97.7	99.3
35412	DRILLING MACHINES	202.4	220.8	190.1	132.1	146.4	125.9	93.2	98.8
35413	GEAR CUTTING AND FINISHING MACHINES	248.8	248.8	248.8	82.2	82.2	82.2	96.4	97.1
35414	GRINDING AND POLISHING MACHINES, EX GEAR TOOTH GRINDING, ETC	188.3	198.4	177.6	88.4	95.0	85.1	96.5	98.5
35415	LATHES	212.8	227.8	198.0	96.2	105.9	92.1	98.3	99.6
35416	MILLING MACHINES	178.9	184.2	172.1	76.2	79.6	74.4	99.9	98.6
35418	OTHER METAL CUTTING TYPE MACHINE TOOLS	165.6	164.5	166.7	99.9	99.0	100.4	43.7	38.4
35419	REBUILT METAL-CUTTING MACH TOOLS AND PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3542	METAL-FORMING MACHINE TOOLS	170.1	173.0	166.9	84.4	86.2	83.2	45.1	40.5
35420	METALWORKING MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35421	PUNCHING, SHEARING, BENDING, AND FORMING MACHINES	108.8	111.6	105.6	87.9	90.6	85.7	90.1	97.7
35422	METALWORKING PRESSES, INCLUDING FORGING AND MANUAL PRESSES	343.6	343.6	343.6	80.1	79.9	80.1	24.7	20.2
35423	OTHER METAL FORMING MACHINE TOOLS, INCL FORGING MACHINES	123.0	123.3	122.4	83.3	83.6	83.1	83.7	99.7
35424	PARTS FOR METAL FORMING MACH TOOLS & REBUILT METAL FORM MACH	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3544	SPECIAL DIES AND TOOLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35441	SPECIAL DIES AND TOOLS, DIE SETS, JIGS AND FIXTURES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35442	INDUSTRIAL MOLDS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3545	MACHINE TOOL ACCESSORIES	129.4	129.5	129.2	80.8	80.9	80.7	32.8	28.9
35450	METALWORKING MACHINERY ATTACHMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35451	SMALL CUTTING TOOLS FOR MACHINE TOOLS AND METALWORKING EQUIP	120.5	120.6	120.3	80.2	80.3	80.1	39.9	35.7
35452	MACHINISTS PRECISION TOOLS	118.1	118.1	118.1	84.3	84.3	84.3	44.5	45.3
35453	OTHER ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS	186.2	186.2	186.2	78.2	78.2	78.2	7.4	7.7
3548	METALWORKING MACHINERY, NEC	83.5	83.5	83.5	88.0	88.0	88.0	20.6	24.2
35480	METALWORKING MACHINERY, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35481	ROLLING MILL MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35482	POWER-DRIVEN HAND TOOLS, INCLUDING PARTS AND ATTACHMENTS	92.2	92.2	92.1	87.9	87.9	87.8	39.7	44.9
35483	ACETYLENE WELDING AND CUTTING APPARATUS	79.6	79.6	79.6	88.4	88.4	88.4	93.7	100.0
35484	AUTOMOTIVE MAINTENANCE EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35485	OTHER METALWORKING MACHINERY, EXCEPT MACHINE TOOLS, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
355	SPECIAL INDUSTRY MACHINERY	94.3	95.5	93.1	90.5	91.6	89.3	19.7	19.1
3551	FOOD PRODUCTS MACHINERY	116.3	118.1	114.0	79.9	81.5	78.7	16.6	16.4
35510	FOOD-PRODUCTS MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35511	DAIRY AND MILK PRODUCTS PLANT MACHINERY AND EQUIPMENT	145.1	145.1	145.1	86.7	86.7	86.7	10.9	5.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
35512	COMMERCIAL FOOD-PRODUCTS MACHINERY	101.5	102.1	100.7	86.1	86.7	85.5	39.8	44.9
35513	OTHER INDUSTRIAL FOOD-PRODUCTS MACHINERY, INC PARTS AND ATT	140.6	143.3	136.6	66.7	68.6	65.4	9.0	8.8
3552	TEXTILE MACHINERY	110.5	111.7	108.9	85.4	86.6	84.5	14.2	16.3
35520	TEXTILE-INDUSTRIES MACHINERY, INCL PARTS & ATTACHMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35521	TEXTILE MACHINERY	119.0	119.9	118.2	83.7	84.4	83.2	27.0	31.1
35522	PARTS AND ATTACHMENTS FOR TEXTILE MACHINERY	96.7	96.7	96.7	98.5	98.5	98.5	4.2	3.0
3553	WOODWORKING MACHINERY	99.3	100.9	97.6	94.3	96.0	92.9	43.8	44.8
35530	WOODWORKING MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35531	WOODWORKING MACH EXC DESIGNED PRIMARILY FOR HOME WORKSHOPS	89.2	89.2	89.2	105.3	105.3	105.3	37.6	36.8
35532	WOODWORKING MACH DESIGNED PRIMARILY FOR HOME WORKSHOPS, ETC	144.5	143.7	145.8	73.3	72.7	73.7	85.0	84.6
3554	PAPER INDUSTRIES MACHINERY	68.4	69.2	67.5	91.5	92.3	90.1	39.1	33.2
35540	PULP AND PAPER INDUSTRIES MACHINERY	68.4	69.2	67.5	91.5	92.3	90.1	39.1	33.2
3555	PRINTING TRADES MACHINERY	85.8	84.8	86.7	98.5	97.5	99.6	37.5	37.6
35550	PRINTING-TRADES MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35551	PRINTING PRESSES	87.6	86.6	88.9	97.2	96.1	98.6	89.0	87.0
35552	OTHER PRINTING TRADES MACHINERY	92.9	92.9	92.9	104.4	104.4	104.4	11.6	10.8
3559	SPECIAL INDUSTRY MACHINERY, NEC	97.5	98.0	96.7	86.4	87.0	85.9	4.0	4.2
35590	SPECIAL INDUSTRY MACHINERY, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35591	CHEMICALS MANUFACTURING INDUSTRIES MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35592	FOUNDRY MACHINERY AND EQUIPMENT	134.0	134.0	134.0	88.5	88.5	88.5	26.0	11.3
35593	PLASTICS-WORKING MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35594	RUBBER-WORKING MACHINERY AND EQUIPMENT	113.9	114.3	113.3	85.3	85.7	85.0	28.1	35.9
35595	OTHER SPECIAL-INDUSTRY MACHINERY AND EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
356	GENERAL INDUSTRIAL MACHINERY	96.2	97.8	94.1	84.7	86.5	83.2	40.7	44.6
3561	PUMPS AND COMPRESSORS	96.5	100.3	92.5	89.2	92.9	85.7	61.2	64.8
35610	PUMPS AND COMPRESSORS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35611	INDUSTRIAL PUMPS, EXC HYDRAULIC FLUID POWER	97.1	104.1	89.8	86.8	93.5	80.7	78.1	83.5
35612	HYDRAULIC FLUID POWER PUMPS AND MOTORS, AND VACUUM PUMPS	89.3	89.4	89.1	104.7	104.9	104.5	76.7	77.1
35613	DOMESTIC WATER SYSTEMS AND PUMPS	99.8	102.1	97.8	112.5	115.1	110.0	95.3	95.5
35614	AIR AND GAS COMPRESSORS, EXCEPT REFRIGERATION COMPRESSORS	103.0	105.4	100.2	82.0	84.2	80.1	98.3	98.4
35615	PUMPS AND COMPRESSORS, NEC	107.1	106.8	107.3	80.1	79.9	80.3	10.1	13.5
35616	PARTS AND ATTACH FOR PUMPS, AIR AND GAS COMP, PUMPING EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3562	BALL AND ROLLER BEARINGS	101.0	101.2	100.7	83.1	83.2	82.9	35.6	31.2
35620	BALL AND ROLLER BEARINGS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35621	BALL BEARINGS, COMPLETE	90.3	90.3	90.3	81.8	81.8	81.8	60.0	58.8
35622	ROLLER BEARINGS, COMPLETE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35623	MOUNTED BEARINGS	79.8	80.7	78.7	87.6	88.6	86.4	100.0	100.0
35624	PARTS AND COMPONENTS FOR BALL AND ROLLER BEARINGS	127.7	127.7	127.7	86.1	86.1	86.1	45.0	37.3
3564	BLOWERS AND FANS	127.2	126.3	128.5	78.9	78.1	79.4	41.1	54.5
35640	BLOWERS AND FANS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35641	INDUSTRIAL FANS AND BLOWERS	138.5	137.6	139.9	78.9	78.1	79.4	60.8	74.2
35642	DUST COLLECTION, AND AIR PURIFICATION EQUIP AND AIR WASHERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3565	INDUSTRIAL PATTERNS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35650	INDUSTRIAL PATTERNS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3566	MECHANICAL POWER TRANSMISSION EQUIPMENT	94.0	93.7	94.3	77.8	77.6	78.1	45.2	48.4
35660	MECHANICAL POWER TRANSMISSION EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35661	PLAIN BEARINGS	108.9	108.9	108.9	86.6	86.6	86.6	89.0	89.0
35662	SPEED CHANGERS, GEARS AND INDUSTRIAL HIGH SPEED DRIVES	86.2	86.4	86.1	74.2	74.3	74.2	54.0	55.6
35663	OTHER MECHANICAL POWER TRANSMISSION EQUIPMENT	101.8	101.5	102.4	76.6	76.3	76.9	30.7	33.3
3567	INDUSTRIAL FURNACES AND OVENS	110.1	110.1	110.1	87.4	87.4	87.4	59.8	60.8
35670	INDUSTRIAL FURNACES AND OVENS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35671	ELECTRIC INDUSTRIAL FURNACES AND OVENS	115.5	116.4	114.5	88.7	89.4	88.0	80.4	75.2
35672	FUEL FIRED INDUSTRIAL FURNACES AND OVENS	114.3	114.0	114.7	87.3	87.0	87.5	97.4	96.8
35673	HIGH FREQ INDUCT AND DIELECTRIC HEATING EQUIP AND PARTS	112.7	112.7	112.7	84.3	84.3	84.3	11.2	11.0
3569	GENERAL INDUSTRY MACHINERY, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35690	GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT, NEC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
357	OFFICE MACHINES, NEC	62.0	62.5	61.6	89.8	90.3	89.0	33.8	46.9
3571	COMPUTING AND RELATED MACHINES	51.5	51.9	51.0	90.4	91.1	89.6	22.2	35.5
35710	COMPUTING AND ACCOUNTING MACHINES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35712	COMPUTING AND ACCOUNTING MACHINES	51.8	52.2	51.3	90.4	91.1	89.6	22.3	35.5
3572	TYPEWRITERS	85.4	86.2	84.4	88.2	89.0	87.1	87.5	87.2
35720	TYPEWRITERS AND PARTS	85.4	86.2	84.4	88.2	89.0	87.1	87.5	87.2

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
3576	SCALES AND BALANCES	89.2	89.5	88.8	89.6	90.0	89.3	58.3	56.9
35760	SCALES AND BALANCES	89.2	89.5	88.8	89.6	90.0	89.3	58.3	56.9
3579	OFFICE MACHINES, NEC	82.2	82.3	82.2	91.2	91.2	91.1	35.0	41.9
35790	OFFICE AND STORE MACHINES, NEC	82.2	82.3	82.2	91.2	91.2	91.1	35.0	41.9
358	SERVICE INDUSTRY MACHINES	73.6	75.8	71.5	107.9	110.5	104.3	74.0	75.2
3581	AUTOMATIC VENDING MACHINES	70.1	71.5	68.6	91.2	92.9	89.0	95.6	100.0
35810	PARTS FOR AUTOMATIC VENDING MACHINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35811	REFRIGERATED AUTOMATIC VENDING MACHINES	79.7	82.0	77.3	91.5	93.9	88.6	100.0	100.0
35812	NONREFRIGERATED AUTOMATIC VENDING MACHINES	66.1	66.8	65.2	91.0	91.8	89.7	98.3	100.0
3582	COMMERCIAL LAUNDRY EQUIPMENT	83.8	83.5	84.2	87.7	87.3	88.0	34.5	51.4
35820	LAUNDRY AND DRY-CLEANING MACHINERY	83.8	83.5	84.2	87.7	87.3	88.0	34.5	51.4
3584	VACUUM CLEANERS, INDUSTRIAL	55.1	55.1	55.1	113.5	113.5	113.5	81.3	68.1
35840	VACUUM CLEANERS, INDUSTRIAL	55.1	55.1	55.1	113.5	113.5	113.5	81.3	68.1
3585	REFRIGERATION MACHINERY	72.5	74.3	70.9	114.3	116.6	111.1	79.8	78.0
35850	REFRIGERATION AND AIR CONDITIONING EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
35851	HEAT TRANSFER EQUIPMENT	66.4	68.6	64.7	126.7	129.7	122.2	92.6	87.3
35853	COMMERCIAL REFRIGERATION EQUIPMENT, EXC COIN-OPER	85.8	87.2	84.5	96.2	97.7	94.5	87.9	92.9
35854	COMPRESSORS AND COMPRESSOR UNITS	71.2	72.0	70.6	112.5	113.5	111.2	88.6	99.8
35855	CONDENSING UNITS	101.1	100.6	101.6	104.5	104.0	105.0	97.1	100.0
35857	OTHER REFRIGERATION AND AIR-CONDITIONING EQUIPMENT	94.3	94.3	94.3	89.4	89.3	89.4	34.2	10.4
3586	MEASURING AND DISPENSING PUMPS	125.8	127.7	123.0	73.9	75.6	72.5	67.4	65.3
35860	MEASURING AND DISPENSING PUMPS	125.8	127.7	123.0	73.9	75.6	72.5	67.4	65.3
3589	SERVICE INDUSTRY MACHINES, NEC	69.7	70.6	68.6	90.3	91.5	89.0	42.7	55.0
35891	COMMERCIAL COOKING AND FOOD WARMING EQUIPMENT	85.4	85.4	85.4	90.0	90.0	90.0	35.4	34.3
35892	SERVICE INDUSTRY MACHINES, AND PARTS	61.8	62.9	60.5	90.4	92.0	88.7	46.3	69.5
359	MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL	77.6	78.6	76.6	89.8	91.0	88.7	14.1	19.8
3599	MACHINE SHOP PRODUCTS, EXCEPT ELECTRICAL	77.6	78.6	76.6	89.8	91.0	88.7	14.1	19.8
35990	MACHINE SHOP PRODUCTS, EXCEPT ELECTRICAL	77.6	78.6	76.6	89.8	91.0	88.7	14.1	19.8
36	ELECTRICAL MACHINERY	89.2	89.1	89.4	94.4	94.3	94.5	63.5	68.4
361	ELECTRIC DISTRIBUTION PRODUCTS	90.7	91.3	90.1	88.5	89.1	87.9	82.5	85.9
3611	ELECTRIC MEASURING INSTRUMENTS	65.1	65.8	64.4	89.0	89.9	87.9	77.0	85.2
36110	ELECTRICAL MEASURING INSTRUMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36111	INTEGRATING INSTRUMENTS, ELECTRICAL	95.0	94.8	95.1	86.7	86.5	86.8	67.8	78.4
36112	EQUIP FOR TESTING ELEC, RADIO, AND COMMUNICATION CIRCUITS	61.2	61.7	60.8	91.0	91.5	90.2	100.0	100.0
36113	OTHER ELECTRICAL MEASURING INSTRUMENTS	67.4	68.5	66.1	81.6	83.1	80.1	36.1	55.2
3612	TRANSFORMERS	113.8	113.9	113.5	87.6	87.7	87.5	88.0	87.5
36120	TRANSFORMERS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36121	SPECIALTY TRANSFORMERS & FLUORESCENT BALLASTS, EXCEPT PARTS	100.8	101.0	100.4	83.7	83.9	83.4	74.3	65.0
36122	POWER AND DISTRIBUTION TRANSFORMERS, EXCEPT PARTS	117.6	117.9	117.4	88.9	89.1	88.7	99.7	99.5
36123	POWER REGULATORS, BOOSTERS, AND RECTIFIERS	126.6	126.6	126.6	83.4	83.4	83.4	54.8	53.9
3613	SWITCHGEAR AND SWITCHBOARD APPARATUS	91.3	92.0	90.6	88.9	89.6	88.2	82.2	84.8
36130	SWITCHGEAR AND SWITCHBOARD APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36131	SWITCHGEAR, INC POWER SWITCHGEAR ASSEMBLIES 2300 VOLTS MIN	98.1	98.8	97.5	91.3	91.9	90.7	100.0	100.0
36132	CIRCUIT BREAKERS	91.2	92.8	89.4	86.1	87.7	84.5	100.0	100.0
36133	LOW VOLTAGE PANELBOARDS AND DISTRIBUTION BOARDS UNDER 750 VOLTS	87.6	87.6	87.6	82.9	82.9	82.9	39.6	36.7
36134	FUSES AND FUSE EQUIP UNO 2,300 VOLTS, EXC POWER DIST CUT-OUT	97.7	97.7	97.6	89.4	89.5	89.4	74.0	74.6
362	ELECTRIC INDUSTRIAL APPARATUS	110.5	111.2	109.8	82.9	83.4	82.3	34.9	32.7
3621	MOTORS AND GENERATORS	119.3	119.9	118.8	86.8	87.3	86.4	29.3	28.2
36210	MOTORS AND GENERATORS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36211	FRACTIONAL HORSEPOWER MOTORS	101.3	100.2	102.5	95.7	94.6	96.8	34.9	34.3
36212	INTEGRAL HP MOTORS AND GENERATORS, EXC FOR LAND TRANSPORT	117.8	119.1	117.6	81.0	81.1	80.8	35.9	37.3
36213	MOTORS, GENERATORS, AND CONTROL APPARATUS, FOR LAND TRANS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36214	PRIME MOVER GENERATOR SETS EXC STEAM OR HYDRAULIC TURBINE	157.2	160.3	153.8	82.8	84.8	81.3	97.4	82.0
36215	MOTOR-GENERATOR SETS AND OTHER ROTATING EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36216	PARTS AND SUPPLIES FOR MOTORS, GENERATORS, & MOTOR GEN SETS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3622	INDUSTRIAL CONTROLS	103.1	103.1	103.1	76.6	76.6	76.6	36.0	36.5
36220	INDUSTRIAL CONTROLS	103.1	103.1	103.1	76.6	76.6	76.6	36.0	36.5
3623	WELDING APPARATUS	86.4	88.7	83.7	79.7	82.0	77.4	74.8	80.1
36230	WELDING APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
36231	ARC WELDING MACH. COMPONENTS, & ACCESSORIES, EX ELECTRODES	67.1	68.3	65.6	83.5	85.0	81.7	52.1	60.0
36232	METAL ARC WELDING ELECTRODES	78.6	79.1	77.9	79.1	79.7	78.4	98.7	100.0
36233	RESISTANCE WELDERS, PARTS, COMPONENTS, ACCESS & ELECTRODES	134.6	146.8	120.9	78.4	88.4	72.8	53.0	66.4
3624	CARBON AND GRAPHITE PRODUCTS	92.3	92.3	92.3	79.1	79.1	79.1	48.0	40.2
36240	CARBON AND GRAPHITE PRODUCTS	92.3	92.3	92.3	79.1	79.1	79.1	48.0	40.2
3629	ELECTRIC INDUSTRIAL GOODS, NEC	91.7	92.3	91.1	90.6	91.1	89.9	12.6	11.0
36290	ELECTRICAL INDUSTRIAL APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36291	CAPACITORS FOR INDUSTRIAL USE EXC FOR ELECTRONIC APPLICA	124.2	124.8	123.3	90.6	91.1	89.9	47.1	30.4
36292	RECTIFYING APPARATUS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36293	OTHER ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
363	HOUSEHOLD APPLIANCES	91.7	92.0	91.6	102.2	102.4	102.0	87.6	90.2
3631	HOUSEHOLD COOKING EQUIPMENT	113.3	111.6	115.2	92.3	90.7	93.6	77.6	84.0
36311	ELEC HOUSEHOLD RANGES, OVENS & SURFACE COOKING UNIT EQUIP	116.8	116.8	116.8	97.3	97.3	97.3	53.4	70.9
36312	HOUSEHOLD OVENS AND RANGES, EQUIP, AND PARTS, EXC ELECTRIC	107.8	105.8	110.0	89.4	87.6	91.1	99.0	97.7
3632	HOUSEHOLD REFRIGERATORS	91.2	90.3	91.9	113.3	112.1	114.5	100.0	99.8
36320	CABINETS FOR HOUSEHOLD MECHANICAL REFRIGERATORS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36321	HOUSEHOLD REFRIGERATORS	93.6	92.2	95.1	111.9	109.9	114.0	100.0	100.0
36322	HOME AND FARM FREEZERS	83.0	83.8	82.3	117.9	118.9	116.6	100.0	100.0
3633	HOUSEHOLD LAUNDRY EQUIPMENT	87.5	87.5	87.5	97.0	97.0	97.1	93.2	92.7
36330	HOUSEHOLD LAUNDRY EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36331	HOUSEHOLD MECHANICAL, WASHING MACHINES, AND DRYERS	87.3	87.3	87.3	97.0	97.0	97.1	99.8	99.6
36332	OTHER HOUSEHOLD LAUNDRY EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3634	ELECTRIC HOUSEWARES AND FANS	91.3	92.7	90.0	100.3	101.8	98.8	75.3	82.8
36340	ELECTRICAL HOUSEWARES AND FANS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36341	FANS, ELECTRIC, EXCEPT INDUSTRIAL TYPE	117.2	118.2	116.4	97.8	98.5	97.0	97.2	98.0
36342	DRY SHAVERS AND ELECTRIC RAZORS	81.5	81.5	81.5	122.1	122.1	122.1	100.0	100.0
36343	OTHER SMALL HOUSEHOLD ELECTRIC APPLIANCES	95.8	97.3	94.3	97.4	98.9	95.9	82.2	85.9
36344	PARTS AND ATTACHMENTS FOR HOUSEWARES AND FANS	75.8	75.8	75.8	93.7	93.7	93.7	7.7	7.7
3635	HOUSEHOLD VACUUM CLEANERS	86.2	86.2	86.2	104.5	104.5	104.5	84.8	84.8
36350	HOUSEHOLD TYPE VACUUM CLEANERS, INC ATTACH, PARTS, ETC	86.2	86.2	86.2	104.5	104.5	104.5	84.8	84.8
3636	SEWING MACHINES	140.6	139.3	142.2	85.5	85.0	85.7	54.9	69.3
36360	SEWING MACHINES	140.6	139.3	142.2	85.5	85.0	85.7	54.9	69.3
3639	HOUSEHOLD APPLIANCES, NEC	72.0	72.6	71.4	105.8	106.6	104.8	92.4	93.1
36391	ELECTRIC WATER HEATERS FOR PERMANENT INSTALLATION	76.6	76.6	76.6	110.7	110.7	110.6	91.7	95.3
36392	WATER HEATERS, EXCEPT ELECTRIC	85.0	85.7	84.3	100.4	101.2	99.5	100.0	98.4
36393	OTHER HOUSEHOLD APPLIANCES AND PARTS	52.0	51.6	52.3	113.6	113.3	114.4	82.5	81.0
364	LIGHTING AND WIRING DEVICES	82.4	82.5	82.3	91.9	92.1	91.7	60.7	68.6
3641	ELECTRIC LAMPS	90.0	89.7	90.3	90.5	90.3	90.7	99.2	97.5
36410	ELECTRIC LAMPS, BULBS	90.0	89.7	90.3	90.5	90.3	90.7	99.2	97.5
3642	LIGHTING FIXTURES	90.3	90.3	90.2	91.7	91.8	91.6	70.4	78.3
36420	LIGHTING FIXTURES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36421	RESIDENTIAL TYPE ELECTRIC FIXTURES	87.8	88.0	87.6	91.9	92.1	91.7	100.0	100.0
36422	COMMERCIAL AND INSTITUTIONAL TYPE ELECTRIC FIXTURES	77.8	77.8	77.8	91.1	91.1	91.1	56.1	66.1
36423	INDUSTRIAL TYPE ELECTRIC FIXTURES	105.5	105.6	105.3	91.9	92.1	91.7	100.0	100.0
36424	VEHICULAR LIGHTING EQUIPMENT, ELECTRIC	145.3	145.6	145.1	91.9	92.1	91.7	100.0	100.0
36425	FLOODLIGHTING AND AREA LIGHTING EQUIPMENT	75.0	75.0	75.0	91.1	91.1	91.1	46.6	32.8
36426	OTHER ELECTRIC AND NONELECTRIC LIGHTING EQUIPMENT	91.7	91.7	91.7	91.1	91.1	91.1	19.8	25.7
3643	CURRENT CARRYING WIRING DEVICES	58.8	59.3	58.3	95.2	96.0	94.4	48.5	71.0
36430	CURRENT-CARRYING WIRING DEVICES	58.8	59.3	58.3	95.2	96.0	94.4	48.5	71.0
3644	NONCURRENT CARRYING WIRING DEVICES	93.7	93.5	94.0	88.7	88.5	89.0	13.0	12.8
36441	POLE-LINE AND TRANSMISSION HARDWARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36442	ELECTRIC CONDUIT AND CONDUIT FITTINGS	87.1	87.1	87.1	85.4	85.4	85.4	6.8	6.8
36443	OTHER NONCURRENT CARRYING WIRING DEVICES AND SUPPLIES	118.2	117.9	118.6	90.2	89.9	90.5	52.1	41.3
365	RADIO, TV, RECEIVING EQUIPMENT	99.6	96.4	102.8	100.1	96.9	103.1	86.4	94.2
3651	RADIO AND TV RECEIVING SETS	103.5	100.7	106.4	100.6	97.8	103.3	87.7	94.3
36510	RADIO AND TELEVISION RECEIVING SETS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36511	HOME-TYPE RADIO RECEIVERS, AUTOMOBILE RADIOS, RADIO-PHCNS	77.6	74.7	81.2	84.5	81.6	88.6	99.8	99.6
36512	HOME-TV TELEVISION SETS & OTH COMPLETE TELEVISION RECEIVERS	129.0	129.2	128.9	108.9	109.1	108.8	95.1	99.9
36513	RECORDERS, AUDIO AMPLIFIERS, TUNERS, SPEAKER SYSTEMS ETC	72.3	71.0	73.5	110.9	108.9	112.7	37.9	54.1
3652	PHONOGRAPH RECORDS	59.1	55.1	63.8	91.3	85.5	99.0	72.2	92.7
36520	PHONOGRAPH RECORDS	59.1	55.1	63.8	91.3	85.5	99.0	72.2	92.7

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
366	COMMUNICATION EQUIPMENT	81.0	81.2	80.8	93.8	94.0	93.5	44.6	45.1
3661	TELEPHONE TELEGRAPH APPARATUS	57.2	57.1	57.2	115.6	115.5	115.6	8.9	9.9
36610	TELEPHONE AND TELEGRAPH APPARATUS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36611	TELEPHONE SWITCHING AND SWITCHBOARD EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36612	OTH TELEPHONE AND TELEGRAPH APPARATUS, EQUIP AND COMPONENTS	62.1	62.1	62.2	115.6	115.5	115.6	14.4	14.7
3662	RADIO, TV COMMUNICATION EQUIP	88.4	88.4	88.4	92.3	92.3	92.3	65.1	61.4
36621	COMMERC, INOUST, AND MILITARY ELECTRONIC COMMUNICATION EQUIP	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36622	RADIO AND TV BROADCAST EQUIPMENT, AND CLOSED CIRCUIT SYSTEMS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36623	INTERCOMMUNICATION EQUIP AND ELEC ALARM AND SIGNAL SYSTEMS	92.3	92.3	92.3	92.3	92.3	92.3	27.8	51.4
36624	ELECTRONIC NAVIGATIONAL AIDS	85.8	85.8	85.8	92.3	92.3	92.3	99.7	100.0
36625	ELECTRONIC SEARCH AND DETECTION APPARATUS, INCL RADAR	86.1	86.1	86.1	92.3	92.3	92.3	95.0	95.1
36626	ELECTRONIC MILITARY, INOUSTRIAL, AND COMMERCIAL EQUIP, NEC	51.3	51.3	51.3	92.3	92.3	92.3	64.3	64.3
367	ELECTRONIC COMPONENTS	79.6	80.2	79.0	90.8	91.5	90.2	61.0	69.8
3671	ELECTRON TUBES, RECEIVING TYPE	96.6	96.4	96.9	88.6	88.4	88.8	97.0	100.0
36710	RADIO AND TV RECEIVING TYPE ELECTRON TUBES, EX CATHODE RAY	96.6	96.4	96.9	88.6	88.4	88.8	97.0	100.0
3672	CATHODE RAY PICTURE TUBES	109.3	109.3	109.3	110.0	110.0	110.0	100.0	100.0
36720	CATHODE RAY PICTURE TUBES	109.3	109.3	109.3	110.0	110.0	110.0	100.0	100.0
3673	ELECTRON TUBES, TRANSMITTING	74.6	76.6	72.5	93.4	95.7	90.6	82.5	90.1
36730	TRANSMITTING, INOUSTRIAL, AND SPECIAL PURPOSE ELECTRON TUBES	74.6	76.6	72.5	93.4	95.7	90.6	82.5	90.1
3679	ELECTRONIC COMPONENTS, NEC	74.9	76.1	73.5	85.6	87.0	84.0	44.9	50.5
36790	ELECTRONIC COMPONENTS AND ACCESSORIES, NEC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36791	SOLID STATE SEMICONDUCTOR DEVICES	12.8	12.8	12.8	74.7	74.7	74.7	96.7	96.7
36792	CAPACITORS FOR ELECTRONIC APPLICATIONS	111.9	113.4	110.3	86.7	88.0	85.6	75.8	82.5
36793	RESISTORS FOR ELECTRONIC APPLICATIONS	72.9	73.0	72.7	88.6	88.8	88.4	69.9	76.3
36794	COILS, TRANSFORMERS, REACTORS, AND CHOKES FOR ELECTRONIC APP	51.4	51.4	51.4	170.6	170.6	170.6	22.8	53.3
36795	OTHER ELECTRONIC COMPONENTS AND ACCESSORIES, NEC	107.8	118.5	93.8	67.7	77.5	61.3	24.0	31.4
369	ELECTRICAL PRODUCTS, NEC	94.9	94.6	95.1	94.1	93.8	94.3	53.5	64.9
3691	STORAGE BATTERIES	89.2	89.2	89.2	104.3	104.3	104.3	59.4	80.8
36910	STORAGE BATTERIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36911	STORAGE BATTERIES, SLI TYPE	88.2	88.3	88.2	105.2	105.3	105.2	70.5	97.6
36912	STORAGE BATTERIES OTHER THAN SLI TYPE	105.2	105.2	105.2	93.6	93.6	93.6	23.0	24.4
3692	PRIMARY BATTERIES, DRY AND WET	108.3	107.1	109.9	80.3	79.1	81.2	83.1	91.0
36920	PRIMARY BATTERIES, DRY AND WET	108.3	107.1	109.9	80.3	79.1	81.2	83.1	91.0
3693	X-RAY AND THERAPEUTIC APPARATUS	112.4	112.4	112.4	81.5	81.5	81.5	45.8	52.1
36930	X-RAY THERAPEUTIC APPARATUS	112.4	112.4	112.4	81.5	81.5	81.5	45.8	52.1
3694	ENGINE ELECTRICAL EQUIPMENT	100.5	100.0	100.9	92.9	92.5	93.4	39.6	49.4
36940	ENGINE ELECTRICAL EQUIPMENT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36941	IGNITION HARNESS AND CABLE SETS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36942	BATTERY CHARGING GENERATORS	97.0	97.8	96.2	103.2	104.4	102.7	36.1	83.8
36943	CRANKING MOTORS	111.9	111.9	112.0	87.6	87.6	87.6	91.5	92.3
36944	SPARK PLUGS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
36945	OTHER COMPLETE ELEC EQUIP FOR INTERNAL COMBUSTION ENGINES	112.2	113.4	111.0	93.7	94.8	92.8	67.7	65.0
36946	COMPONENTS AND PARTS FOR ENGINE ELECTRICAL EQUIPMENT	87.5	87.6	87.2	84.2	84.4	84.0	33.6	31.3
3699	ELECTRICAL PRODUCTS, NEC	72.7	73.2	72.3	94.5	95.1	93.9	69.1	74.3
36990	ELECTRICAL PRODUCTS, NEC, NSK	264.6	284.1	246.3	99.0	110.0	95.1	100.0	100.0
36992	LAMP COMPONENTS AND OTHER ELECTRICAL PRODUCTS	64.5	65.3	63.5	85.8	86.7	84.4	51.2	49.4
36996	APPL WIR & CORO AND FLEX CORO SETS FROM PURCHASED MATERIALS	72.5	72.6	72.4	101.5	101.6	101.4	100.0	100.0
37	TRANSPORTATION EQUIPMENT	111.7	112.2	111.2	86.1	86.5	85.8	83.5	85.2
371	MOTOR VEHICLES AND EQUIPMENT	120.0	120.5	119.8	86.0	86.2	85.8	97.7	98.0
3713	TRUCK AND BUS BODIES	100.1	101.1	98.8	78.8	79.7	77.9	48.9	57.7
37130	TRUCK AND BUS BODIES	100.1	101.1	98.8	78.8	79.7	77.9	48.9	57.7
3715	TRUCK TRAILERS	103.3	104.7	101.8	89.3	90.6	88.1	100.0	100.0
37150	TRUCK TRAILERS	103.3	104.7	101.8	89.3	90.6	88.1	100.0	100.0
3717	MOTOR VEHICLES AND PARTS	120.6	120.9	120.3	86.0	86.7	85.8	98.3	98.4
37170	MOTOR VEHICLES AND PARTS NSK	126.7	126.7	126.7	117.9	117.9	117.9	100.0	100.0
37171	PASSENGER CARS, KNOCKED DOWN OR ASSEMBLED AND CHASSIS	119.0	119.0	119.0	86.3	86.3	86.3	99.9	99.9
37172	TRUCK TRACTORS, TRUCK CHASSIS AND TRUCKS	107.1	108.8	105.0	83.8	85.3	82.3	82.8	81.6
37173	MOTOR COACHES EX TROLLEY BUSES, AND FIRE DEPARTMENT VEHICLE	122.7	122.5	122.9	85.0	84.9	85.1	100.0	100.0
37175	PARTS AND ACCESSORIES SHIPPED TO MOTOR VEHICLE MANUFACTURERS	125.9	126.3	125.5	85.8	86.1	85.6	100.0	100.0
37176	PARTS AND ACCESSORIES SHIPPED TO OTHER THAN MTR VEH MANU	125.9	126.3	125.5	85.8	86.1	85.6	100.0	100.0
37177	REBUILT MOTOR VEHICLE ENGINES AND PARTS	85.6	85.6	85.6	82.9	82.9	82.9	100.0	100.0

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
372	AIRCRAFT AND PARTS	106.6	107.2	105.9	86.0	86.5	85.5	67.3	67.7
3721	AIRCRAFT	111.1	111.2	111.0	85.6	85.8	85.5	83.7	89.7
37211	VALUE OF WORK DONE ON AIRCRAFT MILITARY TYPE	143.5	143.5	143.5	85.4	85.4	85.4	100.0	100.0
37212	VAL OF WORK DONE ON AIRCRAFT, PERS TYPE & COMM. TRANSPORT	33.9	33.9	33.9	87.0	87.0	87.0	100.0	100.0
37214	MODIFICATIONS, ETC., PREVIOUSLY ACCEPTED AIRCRAFT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37216	OTH AERONAUTICAL SERV, INC RESEARCH AND DEVELOP ON AIRCRAFT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3722	AIRCRAFT ENGINES AND PARTS	107.3	107.3	107.3	89.4	89.4	89.4	3.9	1.9
37221	AIRCRAFT ENGINES FOR U S MILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37222	AIRCRAFT ENGINES FOR OTHER THAN MILITARY CUSTOMERS	52.0	52.0	52.0	89.4	89.4	89.4	100.0	100.0
37223	OTHER AERONAUTICAL SERVICES ON AIRCRAFT AND MISSILE ENGINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37224	ENGINE PARTS, INCLUDING PARTS FOR MISSILE ENGINES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3723	AIRCRAFT PROPELLERS AND PARTS	135.0	136.4	133.3	84.7	85.8	83.9	64.8	57.7
37230	AIRCRAFT PROPELLERS AND PARTS	135.0	136.4	133.3	84.7	85.8	83.9	64.8	57.7
3729	AIRCRAFT EQUIPMENT, NEC	94.7	95.6	93.6	86.4	87.3	85.5	100.0	100.0
37291	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT	119.3	119.5	119.0	85.4	85.5	85.3	100.0	100.0
37292	GUIDED MISSILE COMPONENTS AND SUBASSEMBLIES, NEC	18.7	18.9	18.4	92.6	92.9	90.7	100.0	100.0
37294	RESEARCH AND DEVELOPMENT ON MISSILE COMPONENTS, NEC	18.6	18.9	18.4	92.6	92.9	90.7	100.0	100.0
373	SHIPS AND BOATS	70.0	70.6	69.3	91.9	92.5	90.9	36.1	27.4
3731	SHIP BUILDING AND REPAIRING	69.0	69.0	69.0	95.9	95.9	95.9	30.1	23.4
37310	SHIP BUILDING AND REPAIRING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37311	NONPROPELLED SHIPS, NEW CONSTRUCTION	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37312	SELF-PROPELLED SHIPS, MILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37313	SELF-PROPELLED SHIPS, NONMILITARY	53.8	53.8	53.8	95.9	95.9	95.9	100.0	100.0
37314	SHIP REPAIR, CONVERSIONS AND RECONVERSIONS, MILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37316	SHIP REPAIR, CONVERSIONS, AND RECONVERSIONS, NONMILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3732	BOAT BUILDING AND REPAIRING	66.5	68.5	64.1	83.1	85.0	79.6	65.4	50.8
37320	BOATBUILDING AND REPAIRING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37321	INBOARD MOTORBOATS, ALL TYPES	97.2	101.5	92.3	82.4	86.0	78.1	95.3	77.5
37322	OUTBOARD MOTORBOATS, ALL TYPES, INC PREFABRICATED KITS	18.4	19.1	17.5	83.1	84.2	76.9	100.0	100.0
37323	OTHER BOATS, INC SAILBOATS, ROWBOATS, CANOES, SKIFFS, ETC	153.6	153.6	153.6	85.5	85.5	85.5	100.0	100.0
37324	BOAT REPAIR, MILITARY AND NONMILITARY	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
374	RAILROAD EQUIPMENT	114.7	114.9	114.5	82.2	82.3	82.1	82.8	84.7
3741	LOCOMOTIVES AND PARTS	112.5	112.5	112.5	91.4	91.4	91.4	57.7	65.1
37411	LOCOMOTIVES, NEW, RAILROAD SERVICE TYPE AND SWITCHING TYPE	126.9	126.9	126.9	91.4	91.4	91.4	100.0	100.0
37412	OTHER NEW LOCOMOTIVES, INDUSTRIAL AND MINING TYPE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37413	PARTS FOR LOCOMOTIVES, FOR SEP SALE & REBUILT LOCOMOTIVES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3742	RAILROAD AND STREET CARS	113.0	113.5	112.5	78.4	78.8	78.0	99.7	100.0
37420	RAILROAD AND STREET CARS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
37421	PASSENGER TRAIN CARS, NEW	1041.7	1041.7	1041.7	81.0	81.0	81.0	100.0	100.0
37422	FREIGHT TRAIN CARS, NEW	87.5	88.2	86.6	78.1	78.7	77.3	100.0	100.0
37423	STREET CARS, PARTS AND ACC FOR RR CARS AND ST CARS	100.4	101.2	99.3	78.0	78.7	77.3	100.0	100.0
375	MOTORCYCLES, BICYCLES, AND PARTS	77.2	77.2	77.2	108.2	108.2	108.2	56.3	62.2
3751	MOTORCYCLES, BICYCLES, & PARTS	77.2	77.2	77.2	108.2	108.2	108.2	56.3	62.2
37510	MOTORCYCLES AND BICYCLES	77.2	77.2	77.2	108.2	108.2	108.2	56.3	62.2
379	TRANSPORTATION EQUIPMENT, NEC	53.7	53.8	53.5	93.1	93.3	92.9	89.8	91.1
3791	TRAILER COACHES	51.3	51.3	51.3	95.1	95.1	95.1	94.2	98.1
37910	TRAILER COACHES, HOUSING TYPE	51.3	51.3	51.3	95.1	95.1	95.1	94.2	98.1
3799	TRANSPORTATION EQUIPMENT, NEC	66.6	66.9	66.2	82.5	82.9	82.0	71.6	65.3
37991	AUTOMOBILE TRAILERS, EXCLUDING HOUSING TYPE COACHES	48.9	48.9	48.9	86.9	86.9	86.9	100.0	100.0
37992	OTHER TRANSPORTATION EQUIPMENT	72.0	72.3	71.6	80.9	81.2	80.5	63.9	58.5
38	INSTRUMENTS & RELATED PRODUCTS	85.3	86.2	84.5	92.2	93.1	91.2	46.6	49.2
381	SCIENTIFIC INSTRUMENTS	79.3	80.2	78.3	93.3	94.3	92.1	69.6	78.0
3811	SCIENTIFIC INSTRUMENTS	79.3	80.2	78.3	93.3	94.3	92.1	69.6	78.0
38110	SCIENTIFIC INSTRUMENTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38111	AIRCRAFT FLIGHT NAUTICAL AND NAVIG INSTRUMENT & AUTO PILOTS	88.9	89.9	87.8	93.3	94.3	92.1	100.0	100.0
38112	OTHER ENGINEERING, LABORATORY, AND SCIENTIFIC INSTRUMENTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
382	MECHANICAL MEASURING DEVICES	101.7	101.6	101.9	77.8	77.7	77.9	10.0	10.1
3821	MECHANICAL MEASURING DEVICES	100.7	100.6	100.9	77.8	77.7	77.9	14.2	14.6
38210	MECH MEASURING & CONTROLLING INSTR, EXC AUTO TEMP CONT, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38211	AIRCRAFT ENGINE INSTRUMENTS, EXCEPT FLIGHT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38212	INTEGRATING METERS, NONELECTRICAL TYPE	115.2	115.2	115.2	77.9	77.9	77.9	74.3	69.8
38213	INDUSTRIAL PROCESS INSTRUMENTS	79.8	79.8	79.8	87.3	87.3	87.3	1.7	2.3
38214	MOTOR VEHICLE INSTRUMENTS, EXCEPT ELECTRIC	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38216	OTHER MECHANICAL MEASURING AND CONTROLLING INSTRUMENTS	64.9	64.9	64.9	71.0	71.0	71.0	13.5	13.5
3822	AUTOMATIC TEMPERATURE CONTROLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38220	AUTOMATIC TEMPERATURE CONTROLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
383	OPTICAL INSTRUMENTS AND LENSES	120.5	120.5	120.5	84.5	84.5	84.5	39.1	34.1
3831	OPTICAL INSTRUMENTS AND LENSES	120.5	120.5	120.5	84.5	84.5	84.5	39.1	34.1
38310	OPTICAL INSTRUMENTS AND LENSES	120.5	120.5	120.5	84.5	84.5	84.5	39.1	34.1
384	MEDICAL INSTRUMENTS & SUPPLIES	84.8	85.5	84.1	90.9	91.6	90.2	15.3	15.7
3841	SURGICAL & MEDICAL INSTRUMENTS	83.8	85.5	81.8	91.2	93.0	89.0	20.6	20.2
38410	SURG AND MED INSTRUMENTS AND APPARATUS	83.8	85.5	81.8	91.2	93.0	89.0	20.6	20.2
3842	SURGICAL APPLIANCES & SUPPLIES	84.8	84.8	84.8	93.1	93.1	93.1	13.9	13.3
38420	ORTHOPE PROSTHET AND SURGICAL APPLIANCES AND SUPPLIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38421	SURGICAL, ORTHOPEDIC, AND PROSTHETIC APPLIANCES AND SUPPLIES	98.5	97.7	99.6	84.6	83.8	85.5	4.2	4.2
38423	PERSONAL INDUSTRIAL SAFETY DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38424	ELECTRICAL HEARING AIDS, COMPLETE UNITS	76.7	76.7	76.7	95.7	95.7	95.7	100.0	100.0
3843	DENTAL EQUIPMENT AND SUPPLIES	85.0	84.6	85.5	84.5	84.0	84.9	13.9	18.5
38430	DENTAL EQUIPMENT AND SUPPLIES	85.0	84.6	85.5	84.5	84.0	84.9	13.9	18.5
385	OPHTHALMIC GOODS	75.9	78.7	73.4	107.4	110.7	103.2	75.5	76.4
3851	OPHTHALMIC GOODS	75.9	78.7	73.4	107.4	110.7	103.2	75.5	76.4
38510	OPHTHALMIC GOODS,	75.9	78.7	73.4	107.4	110.7	103.2	75.5	76.4
386	PHOTOGRAPHIC EQUIPMENT	79.8	80.6	78.9	91.4	92.3	90.3	66.4	67.7
3861	PHOTOGRAPHIC EQUIPMENT	79.8	80.6	78.9	91.4	92.3	90.3	66.4	67.7
38610	PHOTOGRAPHIC EQUIPMENT AND SUPPLIES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38611	STILL PICTURE EQUIP, EXC PHOTOCOPYING, MICROFILMING, ETC	109.5	111.1	107.9	85.9	88.2	85.6	45.6	43.7
38612	PHOTOCOPYING AND MICROFILMING EQUIPMENT	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38613	MOTION PICTURE EQUIPMENT	74.1	74.9	73.3	98.8	99.7	97.7	75.6	75.5
38615	PHOTOGRAPHIC SENSITIZED FILM AND PLATES	79.7	79.8	79.6	94.1	94.2	94.0	99.8	100.0
38616	SENSITIZED PHOTOGRAPHIC PAPER AND CLOTH, SILVER HALIDE TYPE	96.0	96.0	96.0	66.3	66.3	66.3	49.4	55.4
38617	SENSITIZED PAPER AND CLOTH OTHER THAN SILVER HALIDE TYPE	58.8	58.8	58.8	98.0	97.9	98.0	67.0	56.0
38618	PREPARED PHOTOGRAPHIC CHEMICALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
387	WATCHES AND CLOCKS	110.9	110.3	111.5	92.7	92.1	93.1	84.6	88.7
3871	WATCHES AND CLOCKS	108.3	107.4	109.3	92.9	92.0	93.7	85.9	88.3
38710	WATCHES, CLOCKS, AND PARTS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
38711	CLOCKS	111.9	111.7	112.1	91.2	91.0	91.3	85.6	83.7
38714	WATCHES WITH DOMESTIC MOVEMENTS & PARTS FOR CLOCKS & WATCHES	113.4	111.9	114.8	102.1	100.7	103.4	98.2	99.2
38715	WATCHES WITH DOMESTIC MOVEMENTS AND PARTS FOR ALL CLOCKS AND	112.4	111.2	113.8	84.5	83.5	85.5	85.3	83.7
3872	WATCHCASES	136.6	139.3	133.9	90.3	92.7	89.0	71.2	92.3
38720	WATCH CASES	136.6	139.3	133.9	90.3	92.7	89.0	71.2	92.3
39	MISCELLANEOUS MANUFACTURING	85.5	86.3	84.8	95.4	96.2	94.5	47.9	51.1
391	JEWELRY AND SILVERWARE	103.4	104.7	101.9	89.7	91.1	88.6	34.9	40.1
3911	JEWELRY, PRECIOUS METAL	83.0	82.9	83.1	100.1	100.0	100.2	18.5	20.3
39110	JEWELRY NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39111	JEWELRY MADE OF PLATINUM METALS AND KARAT GOLD	80.9	80.9	80.9	98.4	98.4	98.4	14.5	14.8
39112	JEWELRY MADE OF PRECIOUS METALS EX PLATINUM AND KARAT GOLD	96.1	96.1	96.1	101.8	101.8	101.8	33.5	34.9
3912	JEWELERS FINDINGS & MATERIALS	107.0	107.0	107.0	99.8	99.8	99.8	48.7	38.1
39120	JEWELERS FINDINGS	107.0	107.0	107.0	99.8	99.8	99.8	48.7	38.1
3913	LAPIDARY WORK	85.5	85.5	85.5	99.8	99.8	99.8	46.3	51.6
39130	LAPIDARY WORK AND CUTTING AND POLISHING DIAMONDS	85.5	85.5	85.5	99.8	99.8	99.8	46.3	51.6
3914	SILVERWARE AND PLATED WARE	129.2	129.2	129.0	81.5	81.6	81.4	53.8	63.8
39140	SILVERWARE AND PLATED WARE, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39141	SILVERWARE, PLATED WARE, AND STAINLESS STEEL WARE	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39142	FLATWARE	152.9	152.9	152.7	81.5	81.6	81.4	99.0	99.4

See footnotes at end of table.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)			1958	1954
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights		
393	MUSICAL INSTRUMENTS AND PARTS	70.8	73.3	68.4	101.9	105.0	97.7	61.5	61.7
3931	MUSICAL INSTRUMENTS AND PARTS	70.8	73.3	68.4	101.9	105.0	97.7	61.5	61.7
39311	PIANOS	103.0	103.4	102.6	87.2	87.6	86.8	100.0	100.0
39312	ORGANS	41.0	41.0	41.0	123.0	123.0	123.0	82.2	82.3
39313	PIANO AND ORGAN PARTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39314	OTHER MUSICAL INSTRUMENTS AND PARTS	75.7	75.7	75.7	102.1	102.1	102.1	41.3	45.5
394	TOYS AND SPORTING GOODS	75.7	75.8	75.6	93.0	93.2	92.9	40.5	45.7
3941	GAMES AND TOYS, NEC	80.1	80.1	80.3	95.7	95.6	95.8	40.8	40.7
39410	GAMES AND TOYS, EXCEPT DOLLS AND CHILDRENS VEHICLES	80.1	80.1	80.3	95.7	95.6	95.8	40.8	40.7
3942	DOLLS	88.5	88.7	88.3	92.1	92.3	91.8	55.0	55.0
39420	DOLLS	88.5	88.7	88.3	92.1	92.3	91.8	55.0	55.0
3943	CHILDRENS VEHICLES EXCEPT BICYCLES	101.1	100.5	101.7	87.6	87.0	88.0	71.2	69.2
39430	CHILDRENS VEHICLES EXCEPT BICYCLES	101.1	100.5	101.7	87.6	87.0	88.0	71.2	69.2
3949	SPORTING & ATHLETIC GOODS, NEC	63.2	63.3	63.0	92.2	92.4	91.9	31.3	43.2
39490	SPORTING AND ATHLETIC GOODS, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39491	FISHING TACKLE AND EQUIPMENT	93.8	93.8	93.8	94.9	94.9	95.0	51.9	53.3
39492	OTHER SPORTING AND ATHLETIC GOODS	60.3	60.6	60.0	91.2	91.6	90.7	31.0	43.3
395	OFFICE SUPPLIES	78.4	79.1	77.8	105.2	105.9	104.3	55.5	56.7
3951	PENS AND MECHANICAL PENCILS	70.8	70.9	70.7	120.9	121.1	120.8	73.6	79.4
39510	PENS, MECHANICAL PENCILS, AND PEN POINTS	70.8	70.9	70.7	120.9	121.1	120.8	73.6	79.4
3952	LEAD PENCILS AND ART GOODS	110.9	110.9	110.9	77.6	77.6	77.6	44.3	40.4
39521	LEAD PENCILS AND CRAYONS	100.6	100.6	100.6	77.6	77.6	77.6	60.6	61.0
39522	ARTISTS MATERIALS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3953	MARKING DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39530	HAND STAMPS, STENCILS, AND OTHER MARKING DEVICES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3955	CARBON PAPER AND INKED RIBBONS	76.7	76.7	76.7	99.6	99.6	99.6	68.8	68.8
39550	CARBON PAPER, STENCIL PAPER, AND INKED RIBBONS,	76.7	76.7	76.7	99.6	99.6	99.6	68.8	68.8
396	COSTUME JEWELRY AND NOTIONS	90.0	90.7	89.3	99.3	100.1	98.5	44.4	49.1
3961	COSTUME JEWELRY	100.1	100.1	100.1	99.5	99.5	99.5	42.3	49.0
39610	COSTUME JEWELRY AND COSTUME NOVELTIES, EX PRECIOUS METAL	100.1	100.1	100.1	99.5	99.5	99.5	42.3	49.0
3962	ARTIFICIAL FLOWERS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39620	FEATHERS, PLUMES, AND ARTIFICIAL FLOWERS NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3963	BUTTONS	102.5	104.1	100.7	88.2	89.7	86.8	61.0	60.4
39630	BUTTONS	102.5	104.1	100.7	88.2	89.7	86.8	61.0	60.4
3964	NEEDLES, PINS, AND FASTENERS	77.5	78.2	76.8	103.5	104.4	102.6	53.4	58.7
39640	NEEDLES, PINS, FASTENERS, HOOKS, AND EYES ETC, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39641	ZIPPER AND SLIDE FASTENERS	78.1	78.1	78.1	109.3	109.3	109.3	100.0	100.0
39642	NEEDLES, PINS, FASTENERS EXCEPT SLIDE AND SIMILAR NOTIONS	93.5	94.4	92.7	89.5	90.4	88.7	27.4	31.4
398	MISCELLANEOUS MANUFACTURING PART 1	92.9	93.2	92.6	94.6	95.0	94.3	81.4	84.0
3981	BROOMS AND BRUSHES	93.3	93.1	93.5	93.1	92.9	93.3	53.3	58.3
39810	BROOMS AND BRUSHES, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39811	BROOMS	107.9	107.9	107.9	100.7	100.7	100.7	56.4	60.3
39812	PAINT BRUSHES AND PAINT ROLLERS	103.8	103.8	104.0	90.2	90.1	90.2	97.9	97.4
39813	OTHER BRUSHES	87.3	87.0	87.6	93.8	93.5	94.2	31.4	33.0
3982	HARD SURFACE FLOOR COVERINGS	100.8	101.0	100.7	100.4	100.6	100.2	98.7	100.0
39820	HARD-SURFACE FLOOR COVERING, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39821	LINOLEUM	166.1	168.1	163.9	92.3	93.5	91.6	98.9	100.0
39822	ASPHALTED-FELT-BASE AND SUPPORTED PLASTIC FLOOR COVERING	73.5	71.4	75.5	106.2	103.8	109.4	100.0	100.0
3983	MATCHES	109.6	110.7	108.5	82.2	83.1	81.4	99.5	100.0
39830	MATCHES	109.6	110.7	108.5	82.2	83.1	81.4	99.5	100.0
3984	CANDLES	89.4	89.4	89.4	96.7	96.7	96.7	100.0	100.0
39840	CANDLES	89.4	89.4	89.4	96.7	96.7	96.7	100.0	100.0
3987	LAMP SHADES	116.4	116.4	116.4	94.2	94.2	94.2	100.0	100.0
39870	LAMP SHADES	116.4	116.4	116.4	94.2	94.2	94.2	100.0	100.0

See footnotes at end of table.



# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

SIC code	Product description	Indexes (1958=100)						Total coverage	
		Production (gross value weights)			Unit value (average)				
		Cross weights	1958 weights	1954 weights	Cross weights	1958 weights	1954 weights	1958	1954
3988	MORTICIANS GOODS	79.1	79.4	78.9	95.5	95.7	95.2	84.8	85.1
39880	MORTICIANS GOODS, NSK	39.4	39.4	39.4	94.0	94.0	94.0	100.0	100.0
39881	METAL CASKETS AND COFFINS, COMPLETELY LINED AND TRIMMED	73.7	73.7	73.7	92.4	92.4	92.4	98.0	97.3
39882	WOOD CASKETS AND COFFINS, COMPLETELY LINED AND TRIMMED	96.8	96.7	96.9	95.1	95.0	95.1	91.3	95.9
39883	OTH CASKETS AND COFFINS, METAL VAULTS, & MORTICIANS SUPPLIES	67.7	68.5	67.0	107.2	108.1	105.7	52.4	47.5
399	MISCELLANEOUS MANUFACTURING PART 2	90.3	90.8	89.8	91.2	91.7	90.7	34.1	32.2
3992	FURS, DRESSED AND DYED	55.5	55.5	55.5	93.9	93.9	93.9	100.0	100.0
39920	DRESSED AND DYED FURS	55.5	55.5	55.5	93.9	93.9	93.9	100.0	100.0
3993	SIGNS AND ADVERTISING DISPLAYS	88.8	89.0	88.7	91.1	91.2	90.9	52.6	45.9
39930	SIGNS AND ADVERTISING DISPLAYS, NSK	59.2	59.2	59.2	91.1	91.1	91.1	100.0	100.0
39931	LUMINOUS TUBE AND BULB SIGNS	90.3	90.3	90.3	91.1	91.1	91.1	100.0	100.0
39932	NONELECTRIC SIGNS AND ADVERTISING DISPLAYS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39933	ADVERTISING NOVELTIES	72.1	72.5	71.6	91.1	91.5	90.4	100.0	100.0
3995	UMBRELLAS, PARASOLS AND CANES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
39950	UMBRELLAS, PARASOLS, AND CANES	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
3999	MISCELLANEOUS PRODUCTS, NEC	91.8	93.5	90.2	91.3	93.1	89.8	14.1	19.3
39991	CHEMICAL FIRE EXTINGUISHING EQUIPMENT AND PARTS	99.8	102.9	96.7	95.1	98.2	92.4	55.5	62.7
39992	COIN OPERATED AMUSEMENT MACHINES	112.6	112.6	112.6	87.6	87.6	87.6	62.2	77.6
39993	OTHER MISCELLANEOUS FABRICATED PRODUCTS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
19	ORDNANCE AND ACCESSORIES	133.9	135.7	131.8	91.2	92.8	90.1	96.8	96.1
192	AMMUNITION, EXC SMALL ARMS	90.7	92.3	89.1	91.3	92.9	89.6	100.0	100.0
1921	ARTILLERY AMMUNITION	1369.9	1369.9	1369.9	88.7	89.2	88.7	100.0	100.0
19210	ARTILLERY AMMUNITION, OVER 30MM (OR OVER 1.18 INCHES)	1369.9	1369.9	1369.9	88.7	89.2	88.7	100.0	100.0
1925	COMPLETE GUIDED MISSILES	18.7	18.9	18.4	92.6	92.9	90.7	100.0	100.0
19251	GUIDED MISSILES, COMPLETE	18.7	18.9	18.4	92.6	92.9	90.7	100.0	100.0
19253	RESEARCH AND DEVELOPMENT ON GUIDED MISSILES (COMPLETE)	18.7	18.9	18.4	92.6	92.9	90.7	100.0	100.0
1929	AMMUNITION, NEC	892.9	900.9	877.2	90.9	92.9	90.7	100.0	100.0
19290	AMMUNITION, NEC	892.9	900.9	877.2	90.9	92.9	90.7	100.0	100.0
193	TANKS AND TANK COMPONENTS	467.3	473.9	463.0	91.1	92.9	90.7	100.0	100.0
1931	TANKS AND TANK COMPONENTS	467.3	473.9	463.0	91.1	92.9	90.7	100.0	100.0
19310	TANKS AND TANK COMPONENTS	467.3	473.9	463.0	91.1	92.9	90.7	100.0	100.0
194	SIGHTING AND FIRE CONTROL EQUIPMENT	158.7	160.5	156.5	91.6	92.9	90.7	100.0	100.0
1941	SIGHTING & FIRE CONTROL EQUIPMENT	158.7	160.5	156.5	91.6	92.9	90.7	100.0	100.0
19410	SIGHTING AND FIRE CONTROL EQUIPMENT	158.7	160.5	156.5	91.6	92.9	90.7	100.0	100.0
195	SMALL ARMS	205.8	206.6	204.9	91.4	91.8	91.2	73.4	53.1
1951	SMALL ARMS, 30 MM AND UNDER	205.8	206.6	204.9	91.4	91.8	91.2	73.4	53.1
19510	SMALL ARMS, 30MM AND UNDER, NSK	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
19512	SMALL ARMS, 30MM AND UNDER	207.5	208.3	206.6	91.4	91.8	91.2	74.3	53.4
196	SMALL ARMS AMMUNITION	290.7	290.7	290.7	87.6	87.6	87.6	36.9	74.6
1961	SMALL ARMS AMMUNITION	290.7	290.7	290.7	87.6	87.6	87.6	36.9	74.6
19610	SMALL ARMS AMMUNITION, 30MM AND UNDER	290.7	290.7	290.7	87.6	87.6	87.6	36.9	74.6
199	ORDNANCE AND ACCESSORIES, NEC	90.1	91.2	89.0	91.8	92.9	90.7	100.0	100.0
1999	ORDNANCE AND ACCESSORIES, NEC	90.1	91.2	89.0	91.8	92.9	90.7	100.0	100.0
19990	ORDNANCE AND ACCESSORIES, NEC	90.1	91.2	89.0	91.8	92.9	90.7	100.0	100.0

(1) For these product classes and groupings, no data were available for the computation of unit value and production indexes. As explained in Chapter 2 and the notes to this appendix, deflators for such products were taken from the next higher order product summation at which quantity or price data were available.

(2) As explained in the text preceding this table, the computer-generated coverage factors for 1963 have been reworked by hand to arrive at the Direct Coverage percentages shown and the 1963 direct coverage percentages were then apportioned by source of data. These expressions of direct coverage show in the last three columns of this table, the proportions of 1963 product shipments values which were represented by Census unit value data, BLS (WPI) price indexes, or other quantity/value data.

(3) In these cases the computer treated the substitution of deflators from related product classes as "coverage"; actually, there was no direct product coverage either in 1958 or 1963 for the products carrying this notation.

Footnotes continued on next page.

# Appendix A. Production and Unit Value Indexes for Products Produced by All Manufacturing Establishments--Continued

## Part 2. 1954-1958

### Footnotes for Appendix A. Part 2.--Continued

(4) As mentioned in the preceding text, the deflators for prefabricated houses were derived from materials input data. In order to have housing units of comparable size for 1958 and 1963, adjustments to the reported number of 1958 housing units were made on the basis of the principal materials consumed by manufacturers, as published in table 7A of the 1963 Census of Manufactures for industry 2433.

(5) In order to secure the 1958-1963 unit value relative on a comparable square footage basis (1/8" equivalent thickness), reference had to be made to the short tons of pulp consumed by manufacturers reported in the Current Industrial Reports Series M26A, as well as to production data collected by the Hardboard Institute.

(6) In 1963, in response to recommendations from the Envelope Manufacturers Association, respondents were requested for the first time to report thousands of standard-size envelopes shipped, rather than short tons of paper and board consumed in their manufacture. Unfortunately, reporting problems were experienced which resulted in a significant portion of the value of envelope shipments being reported without any associated quantities, hence imputations from 1963 materials input data (tons of paper and board consumed, as in 1958) were made to derive the indexes for this highly specialized industry.

(7) As explained in the text preceding this table, representation for the products of Major Group 27 was derived from materials input data in the absence of meaningful measures of output or direct pricing in the WPI by the Bureau of Labor Statistics. The paper cost figures published in tables 7A for these industries were deflated by paper unit price changes as reported by manufacturers of the printing and publishing grades, except for newsprint where data on quantities used by newspaper publishers were used. For other materials and supplies, BLS deflators from the stage-of-processing groupings were used.

(8) Deflators for this product class are based on weighted changes in unit value for gases by type and method of delivery, reported to the Census since 1960 (Current Industrial Reports Series M28A), linked to 1958-60 unit value changes for selected gases.

(9) Government-owned, privately-operated plants (Atomic Energy Commission contractors) do not enter into the computation of these product indexes.

(10) Deflators for this product class are based on WPI indexes for pharmaceutical preparations from 1961 through 1963, linked to a special regrouping of WPI components for selected pharmaceutical materials for 1958-61.

(11) Deflators for these products are based on changes in value per pound of resins consumed in the manufacture of selected plastics products, reported to the Census since 1961 (Current Industrial Reports Series M30D), linked to changes in unit value for plastics materials for 1958-61 derived from Tariff Commission data.

(12) Deflators for these products are based on value per unit of capacity (kilowatts and rated horsepower) as reported in the census. Marine mechanical drive steam turbines were omitted from the deflator calculation.

(13) A price index for tractors, calculated by regression of price against various quality specifications by Lyle P. Fettig (Price Indexes for Farm Tractors, unpublished Ph.D. thesis, University of Chicago, 1962), indicated a price rise of 1 percent from 1958 to 1962. The same increase was shown by an index of average horsepower corrected for a shift to diesels and for addition of attachments. This 1958-62 price index was brought up to 1963 using the WPI change for tractors.

This 1958-63 deflator for tractors showed 8.5 percent less rise than the WPI deflator for tractors. WPI deflators lowered by 8.5 percent were also used for product classes 35223, 35224, 35225, 35226, 35228, and 35229.

(14) WPI deflators lowered by 8.5 percent (see note 13 for derivation of this correction factor) were used for product classes 35310, 35312, 35313, and 35317.

(15) Indexes for telephone and telegraph apparatus were derived from company information on quantities and prices supplied to the Office of Business Economics, U.S. Department of Commerce.

(16) In the case of these electronic components, it was necessary to restate the published 1958 quantities in size-performance units comparable to the quantities reported in 1963. For transmitting tubes, the only product line requiring an adjustment of this nature was 3773011, high vacuum tubes. For semiconductor devices, however, the adjustments affected all the specifically-described product lines for the reporting of transistors and diodes. Here the radical change in these components during this 5-year interval made meaningless any simple counting of units produced or shipped: One transistor of the 1958 "standard performance size" was treated as equivalent to two 1963 transistors, and four 1963 diodes were treated as equivalent to one 1958 diode.

(17) Quantity of production is measured by volume of enclosed space in cubic feet, from Marine Engineering Log and the monthly report of the Shipbuilders Council of America. Completions data were prorated to provide estimates of construction performed in the two years, comparable with the values of work done reported to the Census.

(18) The deflator for this product class is a weighted index of average value per unit, from Census data, corrected by an index of average capacity per unit derived from American Railway Car Institute data.

(19) The deflator for this product class is a weighted combination of unpublished unit value data for hypodermic syringes and needles, Census deflators for metal office furniture, and NIH unit value data for instruments.

(20) The unit value relatives for dental metals (precious and nonprecious, product codes 3843011 and 3843015) were computed on the basis of a canvass of leading supplier manufacturers conducted in 1967 at the request of the Census Bureau by the American Dental Trade Association. In the case of porcelain teeth (product code 3843031), the apparent upward shift in product mix between 1958 and 1963 revealed in census reporting was adjusted by substituting the weighted unit value relative for porcelain products exhibiting no such apparent change in quality.

(21) The deflators for this product class were based on detailed quantity and value data, which had been reported for some 20 types of film in the 1954, 1958 and 1963 Censuses of Manufactures but which had not been published for disclosure reasons. In 1963, the detailed sizes and types of film entering into this recomputation aggregated \$391 million in shipments (equivalent to 620 million square feet of sensitized material) and included the following: 5 sizes of motion picture film, black and white; 6 sizes of motion picture film color; 4 sizes and types of still picture film, black and white; and 3 types and sizes of still picture film, color.





## APPENDIX B. INDUSTRY STATISTICS USED FOR WEIGHTS, 4-DIGIT

This appendix presents the industry statistics which were used as weights in computing the principal indexes of production shown in this volume. The industry or general statistics appear in two parts: Part 1, 1958 and 1963; and Part 2, 1954 and 1958 (New Code). The principal variables shown in appendix B include: total employment, total payroll, production worker man-hours, value of shipments, and value added by manufacture. In the case of part 1, it should be noted that for 1958 the final revised 1958 figures by industry, as shown in Volume II of the 1963 Census of Manufactures, were applied for weighting purposes rather than the corresponding figures as originally published in the 1958 Census of Manufactures. (The principal cause for revisions in the 1958 industry statistics was the inclusion of Alaska and Hawaii to provide comparability with 1963.)

With respect to part 2, formulas for converting from 1954 to 1958 industry classifications were developed on the basis of the indicated composition of value added for the new SIC in terms of old SIC industries as shown in appendix C of the 1958 Census of Manufactures, Volume II. Where necessary, 1954 industry shipments by product class (table 5B type data) in new SIC terms were estimated by applying the percent change, 1958 compared to 1954, for products made in all industries (as indicated in table 6A) and included in the new 1958 product class. The general or industry statistics (value added, total employment and payroll, etc.) were estimated from the data for establishments specializing in the most closely related 1954 class of products, i.e., the general statistics of plants specializing in the class of product or in the industrial area represented by the products matched in table 6A. The level of the general statistics were then adjusted to the level of the estimated 1954 total shipments figures for the class of products.



# Appendix B. Industry Statistics Used for Weighting

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
	<b>TOTAL MANUFACTURING</b>					
	1963. . . . .	16 233 772	93 284 243	24 506 833	192 102 980	420 527 530
	1958. . . . .	15 376 780	73 827 351	22 646 318	141 393 230	326 375 570
	<b>TOTAL DURABLE MANUFACTURING</b>					
	1963. . . . .	9 236 680	57 794 605	14 075 348	108 708 994	219 088 060
	1958. . . . .	8 530 647	44 238 506	12 609 322	77 887 610	162 124 480
	<b>TOTAL NONDURABLE MANUFACTURING</b>					
	1963. . . . .	6 997 092	35 489 638	10 431 485	83 394 047	201 439 690
	1958. . . . .	6 846 133	29 588 845	10 036 997	63 505 651	164 251 250
	<b>TOTAL MANUFACTURING BY MARKET CATEGORIES:</b>					
	<b>HOME GOODS AND APPAREL</b>					
	1963. . . . .	2 707 975	10 634 320	4 406 236	20 178 691	41 777 006
	1958. . . . .	2 554 606	8 787 708	4 028 473	15 377 999	32 814 661
	<b>CONSUMER STAPLES</b>					
	1963. . . . .	2 357 038	12 875 554	2 971 822	34 954 244	87 828 404
	1958. . . . .	2 368 343	11 025 579	3 006 179	27 185 207	74 326 937
	<b>EQUIPMENT &amp; DEFENSE ITEMS, EXCEPT AUTOMOTIVE</b>					
	1963. . . . .	2 634 674	18 046 079	3 431 726	30 436 181	53 540 004
	1958. . . . .	2 339 002	13 174 232	3 123 630	21 576 560	40 377 641
	<b>AUTOMOTIVE EQUIPMENT</b>					
	1963. . . . .	847 304	6 142 302	1 509 918	14 668 876	41 556 627
	1958. . . . .	722 934	4 074 161	1 129 041	8 304 983	24 993 069
	<b>CONSTRUCTION MATERIALS, SUPPLIES &amp; INTER-MEDIATE PRODUCTS</b>					
	1963. . . . .	1 669 546	8 845 453	2 682 999	17 634 720	35 529 847
	1958. . . . .	1 683 762	7 566 255	2 616 390	14 212 899	29 413 199
	<b>OTHER MATERIALS &amp; SUPPLIES &amp; INTER-MEDIATE PRODUCTS</b>					
	1963. . . . .	6 017 235	36 740 535	9 504 130	74 230 330	160 295 920
	1958. . . . .	5 708 133	29 199 415	8 742 606	54 735 613	124 450 260
19	<b>TOTAL MANUFACTURING BY MAJOR INDUSTRY GROUP:</b>					
	<b>ORDNANCE &amp; ACCESSORIES</b>					
	1963. . . . .	245 934	1 956 954	246 512	2 882 521	4 784 047
	1958. . . . .	195 619	1 300 772	237 453	1 953 436	3 679 424
20	<b>FOOD &amp; KINDRED PRODUCTS</b>					
	1963. . . . .	1 642 679	8 632 610	2 229 013	21 825 515	68 466 217
	1958. . . . .	1 701 347	7 609 823	2 307 488	17 670 248	59 728 893
21	<b>TOBACCO MANUFACTURES</b>					
	1963. . . . .	77 330	330 498	132 035	1 680 594	4 519 954
	1958. . . . .	84 467	294 650	146 992	1 413 460	3 867 515
22	<b>TEXTILE MILL PRODUCTS</b>					
	1963. . . . .	863 246	3 385 031	1 568 126	6 122 922	15 740 544
	1958. . . . .	902 204	2 939 694	1 568 426	4 858 586	12 379 413
23	<b>APPAREL &amp; RELATED PRODUCTS</b>					
	1963. . . . .	1 279 232	4 423 033	2 052 569	7 861 011	17 096 861
	1958. . . . .	1 179 228	3 582 011	1 834 678	5 993 964	13 561 039

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
24	LUMBER & WOOD PRODUCTS					
	1963. . . . .	563 135	2 338 733	978 665	4 020 600	9 200 039
	1958. . . . .	584 101	2 002 347	964 951	3 203 618	7 582 746
25	FURNITURE & FIXTURES					
	1963. . . . .	376 548	1 726 707	639 698	3 068 287	5 884 064
	1958. . . . .	347 599	1 388 033	565 142	2 349 488	4 662 728
26	PAPER & ALLIED PRODUCTS					
	1963. . . . .	588 014	3 508 185	988 582	7 395 677	16 357 102
	1958. . . . .	551 338	2 759 379	927 097	5 670 252	12 897 356
27	PRINTING & PUBLISHING					
	1963. . . . .	913 243	5 514 816	1 079 562	10 476 433	16 165 744
	1958. . . . .	853 476	4 478 216	992 200	7 952 534	12 575 419
28	CHEMICALS & ALLIED PRODUCTS					
	1963. . . . .	737 414	4 969 843	963 361	17 586 137	31 772 722
	1958. . . . .	698 015	3 939 421	907 906	12 251 143	23 120 436
29	PETROLEUM & COAL PRODUCTS					
	1963. . . . .	153 486	1 133 765	216 679	3 713 231	17 994 741
	1958. . . . .	179 166	1 116 673	255 360	2 521 386	15 626 003
30	RUBBER & PLASTICS PRODUCTS, NEC					
	1963. . . . .	414 959	2 364 033	658 464	4 653 953	9 116 230
	1958. . . . .	347 842	1 723 295	530 976	3 276 612	6 599 638
31	LEATHER & LEATHER PRODUCTS					
	1963. . . . .	327 489	1 227 824	543 094	2 078 572	4 209 614
	1958. . . . .	349 050	1 145 683	565 874	1 897 465	3 895 555
32	STONE, CLAY, & GLASS PRODUCTS					
	1963. . . . .	573 859	3 212 495	928 948	7 043 987	12 289 091
	1958. . . . .	552 081	2 634 152	883 502	5 528 023	9 717 735
33	PRIMARY METAL INDUSTRIES					
	1963. . . . .	1 126 536	7 734 129	1 838 971	15 261 089	35 621 458
	1958. . . . .	1 091 927	6 280 469	1 670 004	11 642 204	27 323 997
34	FABRICATED METAL PRODUCTS					
	1963. . . . .	1 082 102	6 387 508	1 721 034	11 791 081	23 065 206
	1958. . . . .	1 060 141	5 423 904	1 608 349	9 431 638	19 202 903
35	MACHINERY, EXCEPT ELECTRICAL					
	1963. . . . .	1 459 377	9 570 984	2 151 057	17 310 598	30 363 095
	1958. . . . .	1 350 024	7 313 291	1 855 398	12 412 305	22 794 629
36	ELECTRICAL MACHINERY					
	1963. . . . .	1 511 819	9 284 279	2 090 531	17 010 665	29 840 182
	1958. . . . .	1 140 806	5 755 220	1 605 794	10 626 700	19 552 039
37	TRANSPORTATION EQUIPMENT					
	1963. . . . .	1 601 158	11 858 240	2 450 150	22 765 674	55 428 194
	1958. . . . .	1 557 759	9 164 581	2 266 224	15 282 713	38 227 135
38	INSTRUMENTS & RELATED PRODUCTS					
	1963. . . . .	305 452	1 912 472	416 555	3 992 131	6 117 889
	1958. . . . .	286 321	1 509 525	389 569	2 781 026	4 418 690
39	MISCELLANEOUS MANUFACTURING					
	1963. . . . .	390 760	1 812 104	613 227	3 562 361	6 494 830
	1958. . . . .	364 269	1 466 212	562 936	2 676 459	4 962 475



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2011	MEAT SLAUGHTERING PLANTS					
	1963. . . . .	180 873	1 146 947	289 294	1 908 309	12 435 454
	1958. . . . .	200 783	1 067 896	308 991	1 746 603	11 962 273
2013	MEAT PROCESSING PLANTS					
	1963. . . . .	48 599	289 405	75 964	563 362	2 130 275
	1958. . . . .	48 586	236 915	74 096	442 058	2 066 257
2015	POULTRY DRESSING PLANTS					
	1963. . . . .	70 104	204 400	120 167	410 909	2 240 871
	1958. . . . .	62 389	160 813	104 188	310 572	1 888 166
201	MEAT PRODUCTS					
	1963. . . . .	299 576	1 640 752	485 425	2 882 580	16 806 599
	1958. . . . .	311 758	1 465 624	487 275	2 499 233	15 916 696
2021	CREAMERY BUTTER					
	1963. . . . .	11 992	52 870	19 471	132 665	988 777
	1958. . . . .	17 295	62 875	25 561	147 207	1 023 460
2022	NATURAL AND PROCESS CHEESE					
	1963. . . . .	17 956	78 684	31 082	179 750	1 170 836
	1958. . . . .	17 032	62 989	28 485	133 021	873 614
2023	CONDENSED AND EVAPORATED MILK					
	1963. . . . .	12 255	66 990	20 068	236 250	937 925
	1958. . . . .	13 445	61 443	23 237	202 709	820 649
2024	ICE CREAM AND FROZEN DESSERTS					
	1963. . . . .	29 143	158 257	32 495	433 006	1 076 479
	1958. . . . .	34 562	153 042	37 511	393 037	946 504
2026	FLUID MILK					
	1963. . . . .	185 050	1 032 879	147 142	2 203 196	7 025 892
	1958. . . . .	211 576	1 006 618	182 788	1 998 665	6 436 261
202	DAIRIES					
	1963. . . . .	256 396	1 389 680	250 258	3 184 867	11 199 909
	1958. . . . .	293 910	1 346 967	297 582	2 874 639	10 100 488
2031	CANNED AND CURED SEAFOODS					
	1963. . . . .	17 271	66 231	25 522	174 634	452 454
	1958. . . . .	17 146	58 057	25 079	130 648	388 642
2032	CANNED SPECIALTIES					
	1963. . . . .	25 156	127 168	40 691	540 835	1 169 299
	1958. . . . .	24 186	109 479	41 562	340 847	843 030
2033	CANNED FRUITS AND VEGETABLES					
	1963. . . . .	102 388	382 057	169 188	1 029 467	2 742 787
	1958. . . . .	108 414	340 299	180 383	849 879	2 333 885
2034	DEHYDRATED FOODS PRODUCTS					
	1963. . . . .	9 152	41 650	15 333	115 795	318 660
	1958. . . . .	7 599	28 338	12 781	75 529	273 286
2035	PICKLES; SAUCES; SALAD DRESSINGS					
	1963. . . . .	19 041	83 713	29 891	249 397	677 268
	1958. . . . .	19 500	70 494	29 792	164 624	525 309
2036	FRESH OR FROZEN PACKAGED FISH					
	1963. . . . .	20 066	56 471	32 147	118 451	391 174
	1958. . . . .	17 469	40 918	25 958	82 368	307 399
2037	FROZEN FRUITS AND VEGETABLES					
	1963. . . . .	51 750	202 398	86 664	550 231	1 548 663
	1958. . . . .	39 528	126 804	66 274	323 789	1 025 897
203	CANNED AND FROZEN FOODS					
	1963. . . . .	244 824	959 688	399 436	2 778 810	7 300 305
	1958. . . . .	233 842	774 389	381 829	1 967 684	5 697 448
2041	FLOUR MILLS					
	1963. . . . .	22 405	137 663	38 422	373 090	2 176 259
	1958. . . . .	28 215	140 121	44 111	394 888	2 088 541
2042	PREPARED ANIMAL FEEDS					
	1963. . . . .	54 649	278 729	75 669	983 691	3 880 122
	1958. . . . .	57 313	252 346	81 406	798 892	3 238 414
2043	CEREAL PREPARATIONS					
	1963. . . . .	11 358	75 098	18 829	365 022	625 058
	1958. . . . .	10 927	61 902	16 803	243 088	444 132

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2044	RICE MILLING					
	1963. . . . .	4 256	20 255	7 315	80 507	423 022
	1958. . . . .	3 843	14 286	5 982	53 152	312 061
2045	BLENDED AND PREPARED FLOUR					
	1963. . . . .	7 199	45 391	10 703	177 826	434 023
	1958. . . . .	4 894	28 353	7 467	118 073	279 364
2046	WET CORN MILLING					
	1963. . . . .	13 236	89 742	20 902	290 918	622 442
	1958. . . . .	13 792	78 767	22 241	249 435	528 530
204	GRAIN MILLS					
	1963. . . . .	113 103	646 878	171 840	2 271 054	8 160 926
	1958. . . . .	118 984	575 775	178 010	1 857 528	6 891 042
2051	BREAD AND RELATED PRODUCTS					
	1963. . . . .	236 984	1 300 329	267 615	2 403 782	4 505 995
	1958. . . . .	242 646	1 154 240	290 460	2 110 820	4 098 612
2052	BISCUIT, CRACKERS, AND COOKIES					
	1963. . . . .	43 160	213 021	67 978	627 040	1 150 149
	1958. . . . .	44 333	179 390	68 331	522 490	980 780
205	BAKERY PRODUCTS					
	1963. . . . .	280 144	1 513 350	335 593	3 030 822	5 656 144
	1958. . . . .	286 979	1 333 630	358 791	2 633 310	5 079 392
2061	RAW CANE SUGAR					
	1963. . . . .	8 263	38 796	14 634	135 686	378 710
	1958. . . . .	7 327	28 662	12 807	67 835	178 016
2062	CANE SUGAR REFINING					
	1963. . . . .	12 443	90 792	20 683	254 418	1 271 229
	1958. . . . .	15 294	83 962	25 321	184 824	997 288
2063	BEET SUGAR					
	1963. . . . .	11 297	59 641	21 367	200 698	564 073
	1958. . . . .	10 871	49 217	20 947	130 393	392 212
206	SUGAR					
	1963. . . . .	32 003	189 229	56 684	590 802	2 214 012
	1958. . . . .	33 492	161 841	59 075	383 052	1 567 516
2071	CONFECTIONERY PRODUCTS					
	1963. . . . .	63 643	269 680	102 402	635 393	1 454 512
	1958. . . . .	66 395	236 685	104 716	511 688	1 227 955
2072	CHOCOLATE AND COCOA PRODUCTS					
	1963. . . . .	8 743	49 305	13 964	184 796	479 085
	1958. . . . .	8 271	38 427	13 193	135 098	447 156
2073	CHEWING GUM					
	1963. . . . .	5 558	30 997	7 422	135 848	224 844
	1958. . . . .	5 576	25 270	7 587	104 789	185 054
207	CANDY AND RELATED PRODUCTS					
	1963. . . . .	77 944	349 982	123 788	956 037	2 158 441
	1958. . . . .	80 242	300 382	125 496	751 575	1 860 165
2082	MALT LIQUORS					
	1963. . . . .	62 643	470 823	81 901	1 286 036	2 315 068
	1958. . . . .	71 494	442 321	91 500	1 114 590	1 982 644
2083	MALT					
	1963. . . . .	1 925	15 084	2 983	43 979	183 515
	1958. . . . .	2 404	16 338	3 556	55 087	195 327
2084	WINES AND BRANDY					
	1963. . . . .	6 111	35 051	8 403	137 281	368 281
	1958. . . . .	5 941	29 029	8 638	114 242	263 963
2085	DISTILLED LIQUOR, EXCEPT BRANDY					
	1963. . . . .	18 009	110 217	28 138	623 736	1 090 462
	1958. . . . .	20 528	102 619	32 207	444 831	927 992
2086	BOTTLED AND CANNED SOFT DRINKS					
	1963. . . . .	106 850	537 743	86 857	1 233 629	2 210 920
	1958. . . . .	97 082	405 626	80 009	862 487	1 558 263
2087	FLAVORINGS					
	1963. . . . .	9 083	56 576	10 235	400 173	729 704
	1958. . . . .	9 307	47 352	10 335	249 442	477 052



# Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
208	BEVERAGES					
	1963. . . . .	204 621	1 225 494	218 517	3 724 834	6 897 950
	1958. . . . .	206 756	1 043 285	226 245	2 840 679	5 405 241
2091	COTTONSEED OIL MILLS					
	1963. . . . .	8 372	38 173	16 556	100 815	555 188
	1958. . . . .	8 355	31 223	14 899	63 587	420 649
2092	SOYBEAN OIL MILLS					
	1963. . . . .	6 478	39 893	10 057	152 143	1 473 385
	1958. . . . .	8 095	41 909	12 828	139 612	1 080 798
2093	VEGETABLE OIL MILLS, NEC					
	1963. . . . .	1 952	11 501	3 189	42 692	234 168
	1958. . . . .	2 252	12 525	3 861	42 066	314 695
2094	ANIMAL AND MARINE FATS AND OILS					
	1963. . . . .	14 276	78 305	22 714	193 326	473 993
	1958. . . . .	14 575	67 869	23 628	151 595	389 298
2095	ROASTED COFFEE					
	1963. . . . .	17 175	111 429	20 499	616 407	1 868 058
	1958. . . . .	18 823	96 564	23 036	461 295	2 038 920
2096	SHORTENING AND COOKING OILS					
	1963. . . . .	13 511	88 606	19 001	264 501	1 324 357
	1958. . . . .	12 489	70 993	18 414	221 519	1 239 129
2097	MANUFACTURED ICE					
	1963. . . . .	10 757	42 872	14 056	90 204	122 550
	1958. . . . .	14 557	52 498	18 911	107 527	149 552
2098	MACARONI AND SPAGHETTI					
	1963. . . . .	7 270	35 495	10 368	96 012	222 947
	1958. . . . .	6 825	27 910	9 597	67 130	180 190
2099	FOOD PREPARATIONS, NEC					
	1963. . . . .	54 277	271 283	71 032	849 610	1 797 284
	1958. . . . .	49 413	206 439	68 011	608 218	1 397 674
209	MISCELLANEOUS FOODS AND KINDRED PRODUCTS					
	1963. . . . .	134 068	717 557	187 472	2 405 710	8 071 930
	1958. . . . .	135 384	607 930	193 185	1 862 549	7 210 905
20	FOOD AND KINDRED PRODUCTS					
	1963. . . . .	1 642 679	8 632 610	2 229 013	21 825 515	68 466 217
	1958. . . . .	1 701 347	7 609 823	2 307 488	17 670 248	59 728 893
2111	CIGARETTES					
	1963. . . . .	35 568	183 046	62 986	1 310 325	2 655 346
	1958. . . . .	33 832	142 413	60 567	1 058 554	2 159 987
211	CIGARETTES					
	1963. . . . .	35 568	183 046	62 986	1 310 325	2 655 346
	1958. . . . .	33 832	142 413	60 567	1 058 554	2 159 987
2121	CIGARS					
	1963. . . . .	20 731	68 108	35 044	192 998	358 463
	1958. . . . .	29 350	81 882	49 894	183 140	355 048
212	CIGARS					
	1963. . . . .	20 731	68 108	35 044	192 998	358 463
	1958. . . . .	29 350	81 882	49 894	183 140	355 048
2131	CHEWING AND SMOKING TOBACCO					
	1963. . . . .	4 058	18 207	5 670	73 975	139 543
	1958. . . . .	6 348	23 693	9 967	86 188	175 770
213	CHEWING AND SMOKING TOBACCO					
	1963. . . . .	4 058	18 207	5 670	73 975	139 543
	1958. . . . .	6 348	23 693	9 967	86 188	175 770
2141	TOBACCO STEMMING AND REDRYING					
	1963. . . . .	16 973	61 137	28 335	103 296	1 366 602
	1958. . . . .	14 937	46 662	26 564	85 578	1 176 710
214	TOBACCO STEMMING AND REDRYING					
	1963. . . . .	16 973	61 137	28 335	103 296	1 366 602
	1958. . . . .	14 937	46 662	26 564	85 578	1 176 710
21	TOBACCO MANUFACTURES					
	1963. . . . .	77 330	330 498	132 035	1 680 594	4 519 954
	1958. . . . .	84 467	294 650	146 992	1 413 460	3 867 515

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2211	WEAVING MILLS, COTTON					
	1963. . . . .	208 993	771 573	403 379	1 256 753	3 104 053
	1958. . . . .	242 634	722 355	441 745	1 075 486	2 740 538
221	WEAVING MILLS, COTTON					
	1963. . . . .	208 993	771 573	403 379	1 256 753	3 104 053
	1958. . . . .	242 634	722 355	441 745	1 075 486	2 740 538
2221	WEAVING MILLS, SYNTHETICS					
	1963. . . . .	88 157	366 045	171 378	661 535	1 722 356
	1958. . . . .	81 688	276 655	150 649	468 583	1 225 509
222	WEAVING MILLS, SYNTHETICS					
	1963. . . . .	88 157	366 045	171 378	661 535	1 722 356
	1958. . . . .	81 688	276 655	150 649	468 583	1 225 509
2231	WEAVING, FINISHING MILLS, WOOL					
	1963. . . . .	47 429	202 892	85 034	386 622	1 010 692
	1958. . . . .	55 952	206 094	98 662	336 618	929 040
223	WEAVING, FINISHING MILLS, WOOL					
	1963. . . . .	47 429	202 892	85 034	386 622	1 010 692
	1958. . . . .	55 952	206 094	98 662	336 618	929 040
2241	NARROW FABRIC MILLS					
	1963. . . . .	23 154	91 869	40 614	172 493	349 071
	1958. . . . .	24 587	85 923	42 592	142 638	301 482
224	NARROW FABRIC MILLS					
	1963. . . . .	23 154	91 869	40 614	172 493	349 071
	1958. . . . .	24 587	85 923	42 592	142 638	301 482
2251	WOMEN'S HOSIERY, EXCEPT SOCKS					
	1963. . . . .	51 527	170 875	87 768	296 346	606 560
	1958. . . . .	33 687	103 998	56 143	172 996	328 385
2252	HOSIERY, NEC					
	1963. . . . .	43 340	124 114	71 349	192 105	451 098
	1958. . . . .	69 483	177 104	112 878	290 825	597 437
2253	KNIT OUTERWEAR MILLS					
	1963. . . . .	68 570	266 650	113 602	463 585	1 045 470
	1958. . . . .	60 672	203 998	97 557	333 914	813 577
2254	KNIT UNDERWEAR MILLS					
	1963. . . . .	28 364	95 869	48 103	170 709	364 834
	1958. . . . .	29 207	84 818	47 255	145 592	310 817
2256	KNIT FABRIC MILLS					
	1963. . . . .	25 046	117 532	46 465	252 908	817 383
	1958. . . . .	18 356	73 871	32 301	147 394	487 185
2259	KNITTING MILLS, NEC					
	1963. . . . .	3 639	12 458	6 054	20 309	40 731
	1958. . . . .	3 230	9 619	4 873	14 543	30 092
225	KNITTING MILLS					
	1963. . . . .	220 486	787 498	373 341	1 395 962	3 326 076
	1958. . . . .	214 635	653 408	351 007	1 105 264	2 567 493
2261	FINISHING PLANTS, COTTON					
	1963. . . . .	42 055	190 532	74 856	332 290	869 746
	1958. . . . .	49 212	189 866	86 510	289 115	686 237
2262	FINISHING PLANTS, SYNTHETICS					
	1963. . . . .	19 528	105 975	36 524	176 819	323 701
	1958. . . . .	16 185	74 297	29 296	114 825	210 568
2269	FINISHING PLANTS, NEC					
	1963. . . . .	9 236	40 399	15 714	73 159	206 920
	1958. . . . .	7 808	28 814	13 729	52 005	158 033
226	TEXTILE FINISHING, EXCEPT WOOL					
	1963. . . . .	70 819	336 906	127 094	582 268	1 400 367
	1958. . . . .	73 205	292 977	129 535	455 945	1 054 838
2271	WOVEN CARPETS AND RUGS					
	1963. . . . .	13 357	63 018	23 443	120 004	312 473
	1958. . . . .	18 151	74 395	30 267	128 444	335 536
2272	TUFTED CARPETS AND RUGS					
	1963. . . . .	19 854	80 470	36 359	259 343	801 804
	1958. . . . .	11 528	36 313	19 532	108 846	317 639



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2279	CARPETS AND RUGS, NEC					
	1963. . . . .	2 445	8 878	4 068	15 595	29 585
	1958. . . . .	3 989	12 561	6 835	23 176	54 533
227	FLOOR COVERING MILLS					
	1963. . . . .	35 656	152 366	63 870	394 942	1 143 862
	1958. . . . .	33 668	123 269	56 634	260 466	707 708
2281	YARN MILLS, EXCEPT WOOL					
	1963. . . . .	61 647	208 091	117 894	363 177	1 067 043
	1958. . . . .	67 543	178 828	116 917	290 540	848 473
2282	THROWING AND WINDING MILLS					
	1963. . . . .	13 559	47 066	24 080	93 649	319 252
	1958. . . . .	11 862	37 580	20 265	67 648	174 646
2283	WOOL YARN MILLS					
	1963. . . . .	17 385	66 526	32 000	119 718	422 189
	1958. . . . .	15 977	54 202	29 057	91 212	273 584
2284	THREAD MILLS					
	1963. . . . .	10 056	37 438	17 465	75 821	194 068
	1958. . . . .	11 529	36 478	19 083	64 809	178 186
228	YARN AND THREAD MILLS					
	1963. . . . .	102 647	359 121	191 439	652 365	2 002 552
	1958. . . . .	106 911	307 088	185 322	514 209	1 474 889
2291	FELT GOODS, NEC					
	1963. . . . .	4 952	27 011	8 658	58 625	133 998
	1958. . . . .	4 573	21 268	7 704	44 443	95 435
2292	LACE GOODS					
	1963. . . . .	4 912	19 749	8 094	31 472	53 046
	1958. . . . .	6 689	25 764	10 406	34 247	63 282
2293	PADDING AND UPHOLSTERY FILLING					
	1963. . . . .	6 932	33 651	12 036	65 588	156 539
	1958. . . . .	7 139	29 510	11 626	57 303	139 565
2294	PROCESSED TEXTILE WASTE					
	1963. . . . .	4 240	17 845	7 619	30 961	87 482
	1958. . . . .	4 607	17 038	7 684	31 100	93 459
2295	COATED FABRIC, NOT RUBBERIZED					
	1963. . . . .	13 705	89 235	22 067	179 307	435 742
	1958. . . . .	10 182	53 980	15 405	100 420	246 616
2296	TIRE CORD AND FABRIC					
	1963. . . . .	9 163	35 139	13 388	72 267	375 689
	1958. . . . .	12 214	36 063	20 960	69 844	375 790
2297	SCOURING AND COMBING PLANTS					
	1963. . . . .	5 798	24 749	10 615	45 402	119 918
	1958. . . . .	6 075	22 663	11 196	36 073	87 567
2298	CORDAGE AND TWINE					
	1963. . . . .	8 920	34 524	14 835	57 614	149 331
	1958. . . . .	9 583	33 134	15 550	65 106	141 579
2299	TEXTILE GOODS					
	1963. . . . .	7 283	34 858	11 665	78 746	169 770
	1958. . . . .	7 862	32 505	11 749	60 841	134 623
229	MISCELLANEOUS TEXTILE GOODS					
	1963. . . . .	65 905	316 761	111 977	619 982	1 681 515
	1958. . . . .	68 924	271 925	112 280	499 377	1 377 916
22	TEXTILE MILL PRODUCTS					
	1963. . . . .	863 246	3 385 031	1 568 126	6 122 922	15 740 544
	1958. . . . .	902 204	2 939 694	1 568 426	4 858 586	12 379 413
2311	MEN'S AND BOYS' SUITS AND COATS					
	1963. . . . .	122 679	494 240	198 628	831 910	1 526 019
	1958. . . . .	122 205	407 986	184 782	642 510	1 295 362
231	MEN'S AND BOYS' SUITS AND COATS					
	1963. . . . .	122 679	494 240	198 628	831 910	1 526 019
	1958. . . . .	122 205	407 986	184 782	642 510	1 295 362
2321	MEN'S DRESS SHIRTS AND NIGHTWEAR					
	1963. . . . .	112 926	316 331	191 629	599 423	1 295 079
	1958. . . . .	103 596	254 139	169 035	421 876	967 223

**Appendix B. Industry Statistics Used for Weighting --Continued**  
**Part 1. 1958-1963**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2322	MEN'S AND BOYS' UNDERWEAR					
	1963. . . . .	12 084	32 566	20 826	63 186	134 949
	1958. . . . .	11 037	26 650	17 452	41 732	102 681
2323	MEN'S AND BOYS' NECKWEAR					
	1963. . . . .	8 385	30 875	11 959	58 136	121 313
	1958. . . . .	7 734	26 835	10 786	48 938	102 405
2327	SEPARATE TROUSERS					
	1963. . . . .	73 848	224 371	126 369	383 134	824 224
	1958. . . . .	51 632	134 027	85 290	209 050	452 414
2328	WORK CLOTHING					
	1963. . . . .	62 477	179 612	105 308	330 653	824 710
	1958. . . . .	64 780	154 834	104 481	255 481	689 819
2329	MEN'S AND BOYS' CLOTHING, NEC					
	1963. . . . .	35 917	115 722	57 102	183 224	397 551
	1958. . . . .	32 392	93 119	52 439	149 951	365 963
232	MEN'S AND BOYS' FURNISHINGS					
	1963. . . . .	305 637	899 477	513 193	1 617 756	3 597 826
	1958. . . . .	271 171	689 604	439 483	1 127 028	2 680 505
2331	BLOUSES					
	1963. . . . .	57 595	177 929	92 742	300 525	610 185
	1958. . . . .	47 484	125 581	72 572	200 164	454 103
2335	DRESSES					
	1963. . . . .	200 003	686 818	306 261	1 180 883	2 410 972
	1958. . . . .	184 717	587 976	279 895	970 963	2 043 422
2337	WOMEN'S SUITS, COATS, AND SKIRTS					
	1963. . . . .	88 332	361 001	133 604	637 869	1 522 725
	1958. . . . .	84 145	309 671	123 278	514 901	1 233 227
2339	WOMEN'S OUTERWEAR, NEC					
	1963. . . . .	59 536	200 246	93 972	340 462	785 958
	1958. . . . .	43 663	130 779	68 297	227 598	506 298
233	WOMEN'S AND MISSES' OUTERWEAR					
	1963. . . . .	405 466	1 425 994	626 579	2 459 739	5 329 840
	1958. . . . .	360 009	1 154 007	544 042	1 913 626	4 237 050
2341	WOMEN'S AND CHILDREN'S UNDERWEAR					
	1963. . . . .	76 723	238 850	123 433	430 771	976 108
	1958. . . . .	73 527	199 652	116 788	347 705	814 721
2342	CORSETS AND ALLIED GARMENTS					
	1963. . . . .	37 144	139 907	56 746	310 150	593 912
	1958. . . . .	37 808	121 939	56 139	248 543	467 485
234	WOMEN'S AND CHILDREN'S UNDERWEAR					
	1963. . . . .	113 867	378 757	180 179	740 921	1 570 020
	1958. . . . .	111 335	321 591	172 927	596 248	1 282 206
2351	MILLINERY					
	1963. . . . .	14 183	55 576	21 688	93 168	163 185
	1958. . . . .	17 838	64 095	28 088	109 133	190 263
2352	HATS AND CAPS					
	1963. . . . .	16 608	60 463	26 619	91 606	171 108
	1958. . . . .	17 701	59 334	27 803	91 298	170 692
235	MILLINERY, HATS AND CAPS					
	1963. . . . .	30 791	116 039	48 307	184 774	334 293
	1958. . . . .	35 539	123 429	55 891	200 431	360 955
2361	CHILDREN'S DRESSES AND BLOUSES					
	1963. . . . .	35 792	115 061	55 885	205 623	443 343
	1958. . . . .	36 123	100 818	57 111	167 094	355 372
2363	CHILDREN'S COATS AND SUITS					
	1963. . . . .	11 848	42 986	18 562	72 735	162 929
	1958. . . . .	12 798	42 435	19 488	68 205	163 821
2369	CHILDREN'S OUTERWEAR, NEC					
	1963. . . . .	34 244	107 012	56 051	188 344	419 551
	1958. . . . .	31 888	87 931	50 548	146 050	324 052
236	CHILDREN'S OUTERWEAR					
	1963. . . . .	81 884	265 059	130 498	466 702	1 025 823
	1958. . . . .	80 809	231 184	127 147	381 349	843 245



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2371	FUR GOODS					
	1963. . . . .	9 289	55 961	14 484	110 619	334 414
	1958. . . . .	9 355	50 454	13 648	95 411	281 335
237	FUR GOODS					
	1963. . . . .	9 289	55 961	14 484	110 619	334 414
	1958. . . . .	9 355	50 454	13 648	95 411	281 335
2381	FABRIC DRESS AND WORK GLOVES					
	1963. . . . .	12 771	36 673	21 271	68 372	149 503
	1958. . . . .	13 941	32 870	21 871	53 930	118 749
2384	ROBES AND DRESSING GOWNS					
	1963. . . . .	11 889	37 381	18 941	68 717	173 450
	1958. . . . .	10 625	30 461	15 975	56 442	132 671
2385	WATERPROOF OUTERGARMENTS					
	1963. . . . .	16 148	60 824	24 964	111 342	235 540
	1958. . . . .	13 159	43 114	20 202	73 070	146 175
2386	LEATHER AND SHEEPLINED CLOTHING					
	1963. . . . .	3 352	12 817	5 764	23 351	56 380
	1958. . . . .	4 626	16 166	7 488	27 847	65 374
2387	APPAREL BELTS					
	1963. . . . .	9 841	35 590	15 240	62 172	108 600
	1958. . . . .	10 150	31 801	15 441	53 726	99 053
2389	APPAREL, NEC					
	1963. . . . .	7 225	25 553	10 985	43 211	98 173
	1958. . . . .	7 525	23 087	11 012	41 262	94 904
238	MISCELLANEOUS APPAREL					
	1963. . . . .	61 226	208 838	97 165	377 165	821 646
	1958. . . . .	60 026	177 499	91 989	306 277	656 926
2391	CURTAINS AND DRAPERIES					
	1963. . . . .	21 955	75 114	35 826	131 995	312 987
	1958. . . . .	16 366	48 403	26 814	87 273	217 029
2392	HOUSEFURNISHINGS, NEC					
	1963. . . . .	39 690	142 820	63 931	285 759	716 650
	1958. . . . .	36 769	113 402	59 297	218 295	616 224
2393	TEXTILE BAGS					
	1963. . . . .	7 191	28 254	11 906	56 523	200 426
	1958. . . . .	9 114	30 047	14 673	51 638	204 379
2394	CANVAS PRODUCTS					
	1963. . . . .	11 170	44 550	17 587	73 534	166 402
	1958. . . . .	9 875	35 175	14 692	53 696	131 336
2395	PLEATING AND STITCHING					
	1963. . . . .	16 353	55 528	27 975	95 240	150 183
	1958. . . . .	13 000	46 000	20 000	60 000	90 000
2396	APPAREL FINDINGS					
	1963. . . . .	24 539	122 633	40 073	227 810	570 616
	1958. . . . .	19 986	70 993	30 854	117 784	341 890
2397	SCHIFFLI MACHINE EMBROIDERIES					
	1963. . . . .	6 145	30 517	11 854	55 411	97 406
	1958. . . . .	5 739	24 451	10 772	44 311	75 484
2399	TEXTILE PRODUCTS, NEC					
	1963. . . . .	21 350	79 252	34 384	145 153	342 311
	1958. . . . .	17 930	57 786	27 667	98 087	247 113
239	FABRICATED TEXTILES, NEC					
	1963. . . . .	148 393	578 668	243 536	1 071 425	2 556 981
	1958. . . . .	128 779	426 257	204 769	731 084	1 923 455
23	APPAREL AND RELATED PRODUCTS					
	1963. . . . .	1 279 232	4 423 033	2 052 569	7 861 011	17 096 861
	1958. . . . .	1 179 228	3 582 011	1 834 678	5 993 964	13 561 039
2411	LOGGING CAMPS AND CONTRACTORS					
	1963. . . . .	73 130	281 845	122 505	520 457	1 154 693
	1958. . . . .	71 505	226 742	108 463	387 418	865 340
241	LOGGING CAMPS AND CONTRACTORS					
	1963. . . . .	73 130	281 845	122 505	520 457	1 154 693
	1958. . . . .	71 505	226 742	108 463	387 418	865 340

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2421	SAWMILLS AND PLANING MILLS					
	1963. . . . .	207 365	811 638	364 250	1 376 080	3 156 345
	1958. . . . .	245 687	770 296	406 984	1 194 650	2 914 315
2426	HARDWOOD DIMENSION AND FLOORING					
	1963. . . . .	28 128	98 882	52 944	155 083	345 227
	1958. . . . .	25 140	75 177	45 346	110 354	260 645
2429	SPECIAL PRODUCT SAWMILLS, NEC					
	1963. . . . .	7 164	25 223	11 122	41 355	96 032
	1958. . . . .	7 176	22 097	10 678	36 123	89 381
242	SAWMILLS AND PLANING MILLS					
	1963. . . . .	242 657	935 743	428 316	1 572 518	3 597 604
	1958. . . . .	278 003	867 570	463 008	1 341 127	3 264 341
2431	MILLWORK PLANTS					
	1963. . . . .	65 283	320 817	106 215	524 041	1 270 613
	1958. . . . .	61 962	267 997	98 542	412 548	1 049 571
2432	VENEER AND PLYWOOD PLANTS					
	1963. . . . .	66 155	324 746	124 900	559 211	1 339 630
	1958. . . . .	59 346	240 821	108 437	390 131	884 111
2433	PREFABRICATED WOOD PRODUCTS					
	1963. . . . .	15 806	81 079	22 485	156 593	403 309
	1958. . . . .	13 550	61 984	19 303	122 344	322 379
243	MILLWORK AND RELATED PRODUCTS					
	1963. . . . .	147 244	726 642	253 600	1 239 845	3 013 552
	1958. . . . .	134 858	570 802	226 282	925 023	2 256 061
2441	NAILED WOODEN BOXES AND SHOOK					
	1963. . . . .	14 483	55 858	26 277	85 046	206 020
	1958. . . . .	19 015	62 424	32 244	92 332	211 407
2442	WIREBOUND BOXES AND CRATES					
	1963. . . . .	9 893	32 717	17 697	55 606	114 669
	1958. . . . .	10 006	27 946	17 465	46 094	97 991
2443	VENEER AND PLYWOOD CONTAINERS					
	1963. . . . .	3 953	11 649	6 974	16 086	27 923
	1958. . . . .	5 416	12 850	9 245	18 323	30 271
2445	COOPERAGE					
	1963. . . . .	2 616	11 580	4 385	17 494	52 917
	1958. . . . .	3 871	14 268	6 531	19 483	70 070
244	WOODEN CONTAINERS					
	1963. . . . .	30 945	111 804	55 333	174 232	401 529
	1958. . . . .	38 308	117 488	65 485	176 232	409 739
2491	WOOD PRESERVING					
	1963. . . . .	11 178	45 257	19 373	93 265	247 294
	1958. . . . .	10 933	36 625	17 877	72 508	202 957
2499	WOOD PRODUCTS, NEC					
	1963. . . . .	57 981	237 442	99 538	420 283	785 367
	1958. . . . .	50 494	183 120	83 836	301 310	584 308
249	MISCELLANEOUS WOOD PRODUCTS					
	1963. . . . .	69 159	282 699	118 911	513 548	1 032 661
	1958. . . . .	61 427	219 745	101 713	373 818	787 265
24	LUMBER AND WOOD PRODUCTS					
	1963. . . . .	563 135	2 338 733	978 665	4 020 600	9 200 039
	1958. . . . .	584 101	2 002 347	964 951	3 203 618	7 582 746
2511	WOOD FURNITURE NOT UPHOLSTERED					
	1963. . . . .	140 982	574 614	259 292	993 200	1 857 992
	1958. . . . .	125 320	442 181	217 617	704 660	1 378 630
2512	WOOD FURNITURE, UPHOLSTERED					
	1963. . . . .	67 850	291 587	113 238	506 727	983 204
	1958. . . . .	61 485	233 646	99 572	391 243	783 100
2514	METAL HOUSEHOLD FURNITURE					
	1963. . . . .	29 346	128 819	47 908	247 003	524 305
	1958. . . . .	30 704	125 627	48 598	218 746	501 147
2515	MATTRESSES AND BEDSPRINGS					
	1963. . . . .	30 061	146 287	45 765	285 510	641 008
	1958. . . . .	31 703	132 258	47 874	248 801	572 150



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments, (\$1,000)
2519	HOUSEHOLD FURNITURE, NEC					
	1963. . . . .	2 054	8 384	3 398	15 054	28 937
	1958. . . . .	2 205	8 383	3 424	16 176	30 643
251	HOUSEHOLD FURNITURE					
	1963. . . . .	270 293	1 149 691	469 601	2 047 494	4 035 446
	1958. . . . .	251 417	942 095	417 085	1 579 626	3 265 670
2521	WOOD OFFICE FURNITURE					
	1963. . . . .	6 516	30 560	11 815	57 018	101 514
	1958. . . . .	5 821	23 516	10 007	38 427	68 392
2522	METAL OFFICE FURNITURE					
	1963. . . . .	19 928	112 080	31 531	228 329	389 965
	1958. . . . .	17 469	85 996	26 911	173 673	286 004
252	OFFICE FURNITURE					
	1963. . . . .	26 444	142 640	43 346	285 347	491 479
	1958. . . . .	23 290	109 512	36 918	212 100	354 396
2531	PUBLIC BUILDING FURNITURE					
	1963. . . . .	16 949	83 373	26 817	141 756	268 563
	1958. . . . .	15 952	69 342	25 759	112 881	208 406
253	PUBLIC BUILDING FURNITURE					
	1963. . . . .	16 949	83 373	26 817	141 756	268 563
	1958. . . . .	15 952	69 342	25 759	112 881	208 406
2541	WOOD PARTITIONS AND FIXTURES					
	1963. . . . .	24 343	142 521	40 037	219 194	389 609
	1958. . . . .	19 000	96 000	29 000	150 000	269 000
2542	METAL PARTITIONS AND FIXTURES					
	1963. . . . .	20 290	119 301	31 673	214 301	377 843
	1958. . . . .	18 747	90 000	28 331	151 250	267 872
254	PARTITIONS AND FIXTURES					
	1963. . . . .	44 633	261 822	71 710	433 495	767 452
	1958. . . . .	37 747	186 000	57 331	301 250	536 872
2591	VENETIAN BLINDS AND SHADES					
	1963. . . . .	10 689	49 590	15 781	94 324	199 552
	1958. . . . .	11 203	43 634	15 352	83 442	187 024
2599	FURNITURE AND FIXTURES, NEC					
	1963. . . . .	7 540	39 591	12 443	65 871	121 572
	1958. . . . .	7 990	37 450	12 697	60 189	110 360
259	FURNITURE AND FIXTURES, NEC					
	1963. . . . .	18 229	89 181	28 224	160 195	321 124
	1958. . . . .	19 193	81 084	28 049	143 631	297 384
25	FURNITURE AND FIXTURES					
	1963. . . . .	376 548	1 726 707	639 698	3 068 287	5 884 064
	1958. . . . .	347 599	1 388 033	565 142	2 349 488	4 662 728
2611	PULP MILLS					
	1963. . . . .	15 123	107 359	25 156	295 804	609 050
	1958. . . . .	14 171	74 797	22 648	196 026	427 997
261	PULP MILLS					
	1963. . . . .	15 123	107 359	25 156	295 804	609 050
	1958. . . . .	14 171	74 797	22 648	196 026	427 997
2621	PAPER MILLS, EXCEPT BUILDING					
	1963. . . . .	129 848	877 942	234 596	1 857 203	3 824 915
	1958. . . . .	131 334	740 988	238 433	1 541 518	3 259 415
262	PAPER MILLS, EXCEPT BUILDING					
	1963. . . . .	129 848	877 942	234 596	1 857 203	3 824 915
	1958. . . . .	131 334	740 988	238 433	1 541 518	3 259 415
2631	PAPERBOARD MILLS					
	1963. . . . .	63 398	429 017	113 145	1 186 224	2 315 954
	1958. . . . .	57 086	321 765	102 760	840 057	1 690 918
263	PAPERBOARD MILLS					
	1963. . . . .	63 398	429 017	113 145	1 186 224	2 315 954
	1958. . . . .	57 086	321 765	102 760	840 057	1 690 918
2641	PAPER COATING AND GLAZING					
	1963. . . . .	31 983	200 794	49 931	457 367	1 161 604
	1958. . . . .	27 794	143 476	43 399	319 588	805 185

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2642	ENVELOPES					
	1963. . . . .	20 728	114 860	34 211	188 963	363 250
	1958. . . . .	17 757	84 566	29 445	138 318	271 631
2643	BAGS, EXCEPT TEXTILE BAGS					
	1963. . . . .	42 343	219 137	69 132	369 685	1 061 715
	1958. . . . .	39 042	169 880	63 197	308 874	908 521
2644	WALLPAPER					
	1963. . . . .	2 194	11 866	3 265	20 907	36 548
	1958. . . . .	2 806	13 417	4 374	21 463	40 840
2645	DIE-CUT PAPER AND BOARD					
	1963. . . . .	15 135	83 373	23 524	183 185	378 332
	1958. . . . .	12 209	58 512	18 538	111 164	251 364
2646	PRESSED AND MOLDED PULP GOODS					
	1963. . . . .	5 720	32 862	9 697	70 006	110 135
	1958. . . . .	4 472	21 254	7 781	49 819	78 780
2647	SANITARY PAPER PRODUCTS					
	1963. . . . .	19 108	112 539	32 339	369 711	983 019
	1958. . . . .	18 132	88 736	29 850	229 754	749 032
2649	PAPER AND BOARD PRODUCTS, NEC					
	1963. . . . .	29 514	141 902	43 598	302 546	591 750
	1958. . . . .	28 760	124 753	42 149	233 914	496 060
264	PAPER AND PAPERBOARD PRODUCTS					
	1963. . . . .	166 725	917 333	265 697	1 962 370	4 686 353
	1958. . . . .	150 972	704 594	238 733	1 412 894	3 601 413
2651	FOLDING PAPERBOARD BOXES					
	1963. . . . .	51 291	288 841	85 550	476 866	1 081 147
	1958. . . . .	46 389	221 989	77 463	393 791	887 209
2652	SET-UP PAPERBOARD BOXES					
	1963. . . . .	20 459	82 229	34 523	131 688	225 794
	1958. . . . .	23 532	80 924	38 304	124 892	219 240
2653	CORRUGATED SHIPPING CONTAINERS					
	1963. . . . .	83 229	485 594	132 289	804 012	2 166 137
	1958. . . . .	70 792	345 117	110 517	596 934	1 635 650
2654	SANITARY FOOD CONTAINERS					
	1963. . . . .	32 879	182 745	53 448	402 211	905 931
	1958. . . . .	29 493	139 131	49 777	309 224	680 079
2655	FIBER CANS, TUBES, DRUMS, ETC					
	1963. . . . .	13 188	67 488	22 816	126 196	260 257
	1958. . . . .	10 971	47 855	18 399	79 548	165 627
265	PAPERBOARD CONTAINERS & BOXES					
	1963. . . . .	201 046	1 106 897	328 626	1 940 973	4 639 266
	1958. . . . .	181 177	835 016	294 460	1 504 389	3 587 805
2661	BUILDING PAPER AND BOARD MILLS					
	1963. . . . .	11 874	69 637	21 362	153 103	281 564
	1958. . . . .	16 598	82 219	30 063	175 368	329 808
266	BUILDING PAPER AND BOARD MILLS					
	1963. . . . .	11 874	69 637	21 362	153 103	281 564
	1958. . . . .	16 598	82 219	30 063	175 368	329 808
26	PAPER AND ALLIED PRODUCTS					
	1963. . . . .	588 014	3 508 185	988 582	7 395 677	16 357 102
	1958. . . . .	551 338	2 759 379	927 097	5 670 252	12 897 356
2711	NEWSPAPERS					
	1963. . . . .	306 439	1 784 570	294 541	3 201 872	4 483 592
	1958. . . . .	294 258	1 493 136	276 910	2 516 921	3 628 021
271	NEWSPAPERS					
	1963. . . . .	306 439	1 784 570	294 541	3 201 872	4 483 592
	1958. . . . .	294 258	1 493 136	276 910	2 516 921	3 628 021
2721	PERIODICALS					
	1963. . . . .	67 730	461 124	22 134	1 349 030	2 295 716
	1958. . . . .	56 749	386 710	21 209	974 513	1 729 485
272	PERIODICALS					
	1963. . . . .	67 730	461 124	22 134	1 349 030	2 295 716
	1958. . . . .	56 749	386 710	21 209	974 513	1 729 485



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2731	BOOKS, PUBLISHING & PRINTING 1963. . . . . 1958. . . . .	46 812 40 069	280 664 193 854	23 450 21 088	995 736 616 241	1 534 632 1 033 144
2732	BOOK PRINTING 1963. . . . . 1958. . . . .	36 101 27 848	214 175 140 218	59 563 45 414	358 294 222 076	546 587 350 573
273	BOOKS 1963. . . . . 1958. . . . .	82 913 67 917	494 839 334 072	83 013 66 502	1 354 030 838 317	2 081 219 1 383 717
2741	MISCELLANEOUS PUBLISHING 1963. . . . . 1958. . . . .	22 551 19 301	130 427 91 753	15 071 12 029	252 932 199 181	389 588 307 916
274	MISCELLANEOUS PUBLISHING 1963. . . . . 1958. . . . .	22 551 19 301	130 427 91 753	15 071 12 029	252 932 199 181	389 588 307 916
2751	PRINTING, EXCEPT LITHOGRAPHIC 1963. . . . . 1958. . . . .	170 215 189 078	1 007 469 954 240	264 230 284 411	1 578 275 1 482 604	2 645 051 2 533 227
2752	PRINTING, LITHOGRAPHIC 1963. . . . . 1958. . . . .	121 072 89 305	794 353 517 932	187 293 132 174	1 302 046 794 916	2 149 651 1 337 682
2753	ENGRAVING AND PLATE PRINTING 1963. . . . . 1958. . . . .	9 022 9 047	50 703 43 115	13 812 13 554	80 748 64 471	111 138 87 202
275	COMMERCIAL PRINTING 1963. . . . . 1958. . . . .	300 309 287 430	1 852 525 1 515 287	465 335 430 139	2 961 069 2 341 991	4 905 840 3 958 111
2761	MANIFOLD BUSINESS FORMS 1963. . . . . 1958. . . . .	28 796 23 991	173 238 122 519	43 296 33 326	377 710 247 710	637 673 409 600
276	MANIFOLD BUSINESS FORMS 1963. . . . . 1958. . . . .	28 796 23 991	173 238 122 519	43 296 33 326	377 710 247 710	637 673 409 600
2771	GREETING CARD MANUFACTURING 1963. . . . . 1958. . . . .	21 535 21 777	105 600 89 405	26 187 28 297	204 608 178 563	345 961 291 480
277	GREETING CARD MANUFACTURING 1963. . . . . 1958. . . . .	21 535 21 777	105 600 89 405	26 187 28 297	204 608 178 563	345 961 291 480
2782	BLANKBOOKS, LOOSELEAF BINDERS 1963. . . . . 1958. . . . .	17 899 17 872	91 197 79 024	28 710 26 838	168 465 132 660	268 219 217 862
2789	BOOKBINDING AND RELATED WORK 1963. . . . . 1958. . . . .	24 338 22 160	114 977 87 448	40 849 37 378	172 298 132 722	228 477 181 987
278	BOOKBINDING AND RELATED WORK 1963. . . . . 1958. . . . .	42 237 40 032	206 174 166 472	69 559 64 216	340 763 265 382	496 696 399 849
2791	TYPESETTING 1963. . . . . 1958. . . . .	20 997 18 011	147 286 109 352	33 517 27 278	205 450 155 123	241 014 177 186
2793	PHOTOENGRAVING 1963. . . . . 1958. . . . .	14 620 17 251	119 743 125 337	19 643 23 020	171 796 172 158	212 377 208 911
2794	ELECTROTYPING AND STEREOTYPING 1963. . . . . 1958. . . . .	5 116 6 759	39 290 44 173	7 266 9 274	57 173 62 675	76 068 81 143
279	PRINTING TRADES SERVICES 1963. . . . . 1958. . . . .	40 733 42 021	306 319 278 862	60 426 59 572	434 419 389 956	529 459 467 240
27	PRINTING AND PUBLISHING 1963. . . . . 1958. . . . .	913 243 853 476	5 514 816 4 478 216	1 079 562 992 200	10 476 433 7 952 534	16 165 744 12 575 419

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2812	ALKALIES AND CHLORINE 1963. . . . . 1958. . . . .	19 652 20 476	138 156 115 024	27 594 28 440	389 243 306 187	652 120 504 309
2813	INDUSTRIAL GASES 1963. . . . . 1958. . . . .	9 809 10 642	66 551 56 661	11 069 12 668	260 182 174 249	425 388 277 441
2814	CYCLIC (COAL TAR) CRUDES 1963. . . . . 1958. . . . .	1 636 2 084	11 009 12 008	2 855 3 482	35 103 29 993	105 172 116 972
2815	INTERMEDIATE COAL TAR PRODUCTS 1963. . . . . 1958. . . . .	26 089 26 218	190 849 155 411	35 725 35 503	570 234 373 106	1 107 583 817 387
2816	INORGANIC PIGMENTS 1963. . . . . 1958. . . . .	11 544 11 368	76 372 61 867	16 161 15 980	286 407 235 658	484 768 417 673
2817	GOPO INORGANIC CHEMICALS, NEC 1963. . . . . 1958. . . . .	31 371 35 892	249 972 238 948	34 078 39 934	658 791 538 380	865 871 775 041
2818	ORGANIC CHEMICALS, NEC 1963. . . . . 1958. . . . .	85 492 77 442	677 252 508 433	114 438 103 917	2 727 450 1 671 723	4 840 176 3 097 963
2819	INORGANIC CHEMICALS, NEC 1963. . . . . 1958. . . . .	51 059 53 982	353 064 311 331	74 000 78 786	1 243 772 930 474	2 627 999 1 979 386
281	BASIC CHEMICALS 1963. . . . . 1958. . . . .	236 652 238 104	1 763 225 1 459 683	315 920 318 710	6 171 182 4 259 770	11 109 077 7 986 172
2821	PLASTICS MATERIALS AND RESINS 1963. . . . . 1958. . . . .	61 366 51 003	437 566 308 212	86 134 72 035	1 202 349 871 956	2 571 492 1 846 667
2822	SYNTHETIC RUBBER 1963. . . . . 1958. . . . .	11 840 9 252	93 507 60 909	15 915 12 533	329 520 197 866	763 891 536 348
2823	CELLULOSIC MANMADE FIBERS 1963. . . . . 1958. . . . .	30 086 42 597	167 028 211 513	48 114 62 466	411 529 390 310	731 815 722 818
2824	ORGANIC FIBERS, NONCELLULOSIC 1963. . . . . 1958. . . . .	41 421 18 684	275 809 102 742	57 240 26 025	922 001 439 638	1 403 178 688 365
282	FIBERS, PLASTICS, RUBBERS 1963. . . . . 1958. . . . .	144 713 121 536	973 910 683 376	207 403 173 059	2 865 399 1 899 770	5 470 376 3 794 198
2831	BIOLOGICAL PRODUCTS 1963. . . . . 1958. . . . .	5 789 3 692	33 813 16 218	7 228 4 999	60 377 38 947	95 744 63 833
2833	MEDICINALS AND BOTANICALS 1963. . . . . 1958. . . . .	8 128 10 246	59 324 62 877	11 134 13 810	151 297 175 817	305 793 322 286
2834	PHARMACEUTICAL PREPARATIONS 1963. . . . . 1958. . . . .	85 084 82 002	580 638 466 596	91 671 91 374	2 595 657 1 881 524	3 314 323 2 591 831
283	DRUGS 1963. . . . . 1958. . . . .	99 001 95 940	673 775 545 691	110 033 110 183	2 807 331 2 096 288	3 715 860 2 977 950
2841	SOAP AND OTHER DETERGENTS 1963. . . . . 1958. . . . .	30 794 29 603	214 144 181 485	41 005 36 799	1 137 425 857 585	2 127 789 1 605 935
2842	POLISHES AND SANITATION GOODS 1963. . . . . 1958. . . . .	16 332 16 429	96 586 82 594	18 971 17 840	420 440 295 566	757 179 585 029
2843	SURFACE ACTIVE AGENTS 1963. . . . . 1958. . . . .	4 108 3 122	31 893 19 484	4 586 3 707	75 698 52 421	177 821 126 624



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2844	TOILET PREPARATIONS					
	1963. . . . .	34 338	183 219	42 448	1 232 883	1 792 662
	1958. . . . .	29 464	133 951	36 010	697 529	1 059 161
284	CLEANING AND TOILET GOODS					
	1963. . . . .	85 572	525 842	107 010	2 866 446	4 855 451
	1958. . . . .	78 618	417 514	94 356	1 903 101	3 376 749
2851	PAINTS AND ALLIED PRODUCTS					
	1963. . . . .	61 267	401 240	69 113	1 111 681	2 456 361
	1958. . . . .	58 770	323 372	66 906	806 895	1 878 733
285	PAINTS AND ALLIED PRODUCTS					
	1963. . . . .	61 267	401 240	69 113	1 111 681	2 456 361
	1958. . . . .	58 770	323 372	66 906	806 895	1 878 733
2861	GUM AND WOOD CHEMICALS					
	1963. . . . .	6 787	32 682	10 800	100 329	212 850
	1958. . . . .	7 251	30 097	11 563	85 302	182 176
286	GUM AND WOOD CHEMICALS					
	1963. . . . .	6 787	32 682	10 800	100 329	212 850
	1958. . . . .	7 251	30 097	11 563	85 302	182 176
2871	FERTILIZERS					
	1963. . . . .	19 992	102 294	31 899	287 800	869 213
	1958. . . . .	18 728	79 022	28 986	197 943	605 249
2872	FERTILIZERS, MIXING ONLY					
	1963. . . . .	13 752	59 390	18 714	164 140	623 070
	1958. . . . .	12 161	43 610	15 931	105 845	438 628
2879	AGRICULTURAL CHEMICALS, NEC					
	1963. . . . .	9 090	51 465	10 633	176 333	476 661
	1958. . . . .	7 790	37 789	9 502	110 993	333 105
287	AGRICULTURAL CHEMICALS					
	1963. . . . .	42 834	213 149	61 246	628 273	1 968 944
	1958. . . . .	38 679	160 421	54 419	414 781	1 376 982
2891	GLUE AND GELATIN					
	1963. . . . .	8 521	54 869	11 245	147 006	351 680
	1958. . . . .	7 890	42 146	10 563	106 383	245 205
2892	EXPLOSIVES					
	1963. . . . .	14 814	91 613	20 881	165 733	283 298
	1958. . . . .	14 971	79 597	19 992	131 646	228 614
2893	PRINTING INK					
	1963. . . . .	8 455	55 943	11 785	125 138	268 012
	1958. . . . .	7 960	45 069	11 182	108 803	228 141
2895	CARBON BLACK					
	1963. . . . .	3 010	20 669	4 913	91 752	149 122
	1958. . . . .	3 162	18 606	5 650	72 641	119 271
2899	CHEMICAL PREPARATIONS, NEC					
	1963. . . . .	25 788	162 926	33 012	505 868	931 691
	1958. . . . .	25 134	133 849	31 323	365 763	726 245
289	MISCELLANEOUS CHEMICAL PRODUCTS					
	1963. . . . .	60 588	386 020	81 836	1 035 497	1 983 803
	1958. . . . .	59 117	319 267	78 710	785 236	1 547 476
28	CHEMICALS & ALLIED PRODUCTS					
	1963. . . . .	737 414	4 969 843	963 361	17 586 137	31 772 722
	1958. . . . .	698 015	3 939 421	907 906	12 251 143	23 120 436
2911	PETROLEUM REFINING					
	1963. . . . .	119 297	922 319	166 409	3 137 603	16 496 896
	1958. . . . .	146 025	944 332	207 609	2 119 402	14 539 055
291	PETROLEUM REFINING					
	1963. . . . .	119 297	922 319	166 409	3 137 603	16 496 896
	1958. . . . .	146 025	944 332	207 609	2 119 402	14 539 055
2951	PAVING MIXTURES AND BLOCKS					
	1963. . . . .	9 680	62 065	15 076	165 584	427 460
	1958. . . . .	7 797	42 028	11 708	112 548	267 676
2952	ASPHALT FELTS AND COATINGS					
	1963. . . . .	14 581	82 477	23 046	189 981	527 632
	1958. . . . .	15 520	77 444	24 009	159 449	463 040

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
295	PAVING AND ROOFING MATERIALS					
	1963. . . . .	24 261	144 542	38 122	355 565	955 092
	1958. . . . .	23 317	119 472	35 717	271 997	730 716
2992	LUBRICATING OILS AND GREASES					
	1963. . . . .	8 433	57 946	9 778	199 074	471 229
	1958. . . . .	7 568	42 349	8 588	103 084	281 377
2999	PETROLEUM & COAL PRODUCTS, NEC					
	1963. . . . .	1 495	8 958	2 370	20 989	71 525
	1958. . . . .	2 256	10 520	3 446	26 903	74 855
299	PETROLEUM & COAL PRODUCTS, NEC					
	1963. . . . .	9 928	66 904	12 148	220 063	542 754
	1958. . . . .	9 824	52 869	12 034	129 987	356 232
29	PETROLEUM AND COAL PRODUCTS					
	1963. . . . .	153 486	1 133 765	216 679	3 713 231	17 994 741
	1958. . . . .	179 166	1 116 673	255 360	2 521 386	15 626 003
3011	TIRES AND INNER TUBES					
	1963. . . . .	85 259	621 741	131 783	1 321 712	2 949 673
	1958. . . . .	89 395	521 855	133 268	1 179 957	2 577 788
301	TIRES AND INNER TUBES					
	1963. . . . .	85 259	621 741	131 783	1 321 712	2 949 673
	1958. . . . .	89 395	521 855	133 268	1 179 957	2 577 788
3021	RUBBER PRODUCTS, NEC					
	1963. . . . .	29 147	130 361	48 168	216 959	354 239
	1958. . . . .	20 359	85 611	34 131	149 608	229 439
302	RUBBER PRODUCTS, NEC					
	1963. . . . .	29 147	130 361	48 168	216 959	354 239
	1958. . . . .	20 359	85 611	34 131	149 608	229 439
3031	RECLAIMED RUBBER					
	1963. . . . .	2 010	13 598	3 145	27 378	48 879
	1958. . . . .	2 215	11 658	3 330	20 843	39 260
303	RECLAIMED RUBBER					
	1963. . . . .	2 010	13 598	3 145	27 378	48 879
	1958. . . . .	2 215	11 658	3 330	20 843	39 260
3069	FABRICATED RUBBER PRODUCTS, NEC					
	1963. . . . .	132 228	760 761	203 392	1 427 022	2 597 999
	1958. . . . .	119 565	592 964	176 994	997 254	1 885 274
306	FABRICATED RUBBER PRODUCTS, NEC					
	1963. . . . .	132 228	760 761	203 392	1 427 022	2 597 999
	1958. . . . .	119 565	592 964	176 994	997 254	1 885 274
3079	PLASTICS PRODUCTS, NEC					
	1963. . . . .	166 315	837 572	271 976	1 660 882	3 165 440
	1958. . . . .	116 308	511 207	183 253	928 950	1 867 877
307	PLASTICS PRODUCTS, NEC					
	1963. . . . .	166 315	837 572	271 976	1 660 882	3 165 440
	1958. . . . .	116 308	511 207	183 253	928 950	1 867 877
30	RUBBER AND PLASTICS PRODUCTS, NEC					
	1963. . . . .	414 959	2 364 033	658 464	4 653 953	9 116 230
	1958. . . . .	347 842	1 723 295	530 976	3 276 612	6 599 638
3111	LEATHER TANNING AND FINISHING					
	1963. . . . .	31 417	163 307	54 556	273 092	758 408
	1958. . . . .	37 130	165 545	63 376	275 796	743 124
311	LEATHER TANNING AND FINISHING					
	1963. . . . .	31 417	163 307	54 556	273 092	758 408
	1958. . . . .	37 130	165 545	63 376	275 796	743 124
3121	INDUSTRIAL LEATHER BELTING					
	1963. . . . .	2 870	15 897	4 198	32 915	51 869
	1958. . . . .	3 975	18 689	5 371	36 300	66 560
312	INDUSTRIAL LEATHER BELTING					
	1963. . . . .	2 870	15 897	4 198	32 915	51 869
	1958. . . . .	3 975	18 689	5 371	36 300	66 560
3131	FOOTWEAR CUT STOCK					
	1963. . . . .	14 339	53 420	23 694	90 611	229 253
	1958. . . . .	18 031	58 489	28 859	98 380	256 652



**Appendix B. Industry Statistics Used for Weighting --Continued**  
**Part 1. 1958-1963**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
313	FOOTWEAR CUT STOCK 1963. . . . . 1958. . . . .	14 339 18 031	53 420 58 489	23 694 28 859	90 611 98 380	229 253 256 652
3141	SHOES, EXCEPT RUBBER 1963. . . . . 1958. . . . .	201 728 215 311	713 577 662 421	334 969 348 481	1 214 740 1 086 260	2 249 167 2 048 857
3142	HOUSE SLIPPERS 1963. . . . . 1958. . . . .	11 039 11 520	39 782 37 057	17 254 18 046	64 555 59 656	123 560 112 145
314	FOOTWEAR, EXCEPT RUBBER 1963. . . . . 1958. . . . .	212 767 226 831	753 359 699 478	352 223 366 527	1 279 295 1 145 916	2 372 727 2 161 002
3151	LEATHER GLOVES 1963. . . . . 1958. . . . .	7 718 6 212	24 439 15 999	12 244 9 214	32 194 25 999	80 640 54 155
315	LEATHER GLOVES 1963. . . . . 1958. . . . .	7 718 6 212	24 439 15 999	12 244 9 214	32 194 25 999	80 640 54 155
3161	LUGGAGE 1963. . . . . 1958. . . . .	16 409 15 856	62 853 54 717	26 340 25 138	112 796 96 560	210 303 184 722
316	LUGGAGE 1963. . . . . 1958. . . . .	16 409 15 856	62 853 54 717	26 340 25 138	112 796 96 560	210 303 184 722
3171	HANDBAGS AND PURSES 1963. . . . . 1958. . . . .	24 548 21 953	88 455 68 632	41 752 37 231	142 554 111 496	280 343 231 110
3172	SMALL LEATHER GOODS 1963. . . . . 1958. . . . .	12 432 13 657	47 352 46 483	19 580 21 380	82 385 75 791	159 013 138 052
317	PURSES AND SMALL LEATHER GOODS 1963. . . . . 1958. . . . .	36 980 35 610	135 807 115 115	61 332 58 611	224 939 187 287	439 356 369 162
3199	LEATHER GOODS, NEC 1963. . . . . 1958. . . . .	4 989 5 405	18 742 17 651	8 507 8 778	32 730 31 227	67 058 60 178
319	LEATHER GOODS, NEC 1963. . . . . 1958. . . . .	4 989 5 405	18 742 17 651	8 507 8 778	32 730 31 227	67 058 60 178
31	LEATHER AND LEATHER PRODUCTS 1963. . . . . 1958. . . . .	327 489 349 050	1 227 824 1 145 683	543 094 565 874	2 078 572 1 897 465	4 209 614 3 895 555
3211	FLAT GLASS 1963. . . . . 1958. . . . .	22 815 21 179	172 214 133 551	39 704 35 867	364 466 263 151	549 390 384 711
321	FLAT GLASS 1963. . . . . 1958. . . . .	22 815 21 179	172 214 133 551	39 704 35 867	364 466 263 151	549 390 384 711
3221	GLASS CONTAINERS 1963. . . . . 1958. . . . .	59 987 54 937	327 956 259 893	107 055 97 622	629 608 532 469	1 004 464 862 117
3229	PRESSED AND BLOWN GLASS, NEC 1963. . . . . 1958. . . . .	37 999 35 358	207 292 161 296	64 855 58 974	472 212 312 342	630 945 445 361
322	PRESSED AND BLOWN GLASSWARE 1963. . . . . 1958. . . . .	97 986 90 295	535 248 421 189	171 910 156 596	1 101 820 844 811	1 635 409 1 307 478
3231	PRODUCTS OF PURCHASED GLASS 1963. . . . . 1958. . . . .	26 158 24 024	138 275 109 570	43 384 38 124	309 734 242 657	627 327 468 809
323	PRODUCTS OF PURCHASED GLASS 1963. . . . . 1958. . . . .	26 158 24 024	138 275 109 570	43 384 38 124	309 734 242 657	627 327 468 809

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3241	CEMENT, HYDRAULIC					
	1963. . . . .	34 863	227 385	57 579	785 681	1 176 913
	1958. . . . .	41 127	214 221	69 481	724 771	1 073 494
324	CEMENT, HYDRAULIC					
	1963. . . . .	34 863	227 385	57 579	785 681	1 176 913
	1958. . . . .	41 127	214 221	69 481	724 771	1 073 494
3251	BRICK AND STRUCTURAL TILE					
	1963. . . . .	28 620	130 378	51 237	216 548	325 093
	1958. . . . .	31 087	122 868	55 316	196 890	286 709
3253	CERAMIC WALL AND FLOOR TILE					
	1963. . . . .	12 795	63 745	21 002	110 571	164 668
	1958. . . . .	13 086	53 738	21 768	92 779	135 470
3255	CLAY REFRACTORIES					
	1963. . . . .	11 431	64 822	18 139	118 248	192 230
	1958. . . . .	12 394	59 816	18 581	104 898	163 478
3259	STRUCTURAL CLAY PRODUCTS, NEC					
	1963. . . . .	12 188	61 977	21 142	108 442	159 724
	1958. . . . .	13 756	56 454	22 185	95 881	134 928
325	STRUCTURAL CLAY PRODUCTS					
	1963. . . . .	65 034	320 922	111 520	553 809	841 715
	1958. . . . .	70 323	292 876	117 850	490 448	720 585
3261	VITREOUS PLUMBING FIXTURES					
	1963. . . . .	9 280	56 794	15 519	101 502	155 658
	1958. . . . .	9 677	49 568	15 638	87 293	142 683
3262	VITREOUS CHINA FOOD UTENSILS					
	1963. . . . .	6 314	29 552	9 817	42 504	50 954
	1958. . . . .	7 248	28 573	10 946	39 285	47 695
3263	FINE EARTHENWARE FOOD UTENSILS					
	1963. . . . .	7 349	31 614	12 319	41 046	59 046
	1958. . . . .	8 718	78 749	12 645	36 311	50 230
3264	PORCELAIN ELECTRICAL SUPPLIES					
	1963. . . . .	10 170	57 401	15 917	90 001	131 790
	1958. . . . .	9 107	42 362	14 741	66 074	97 475
3269	POTTERY PRODUCTS, NEC					
	1963. . . . .	9 085	37 508	14 920	62 107	95 541
	1958. . . . .	9 240	31 194	15 142	54 020	78 755
326	POTTERY AND RELATED PRODUCTS					
	1963. . . . .	42 198	212 869	68 492	337 160	492 989
	1958. . . . .	43 990	230 446	69 112	282 983	416 838
3271	CONCRETE BLOCK AND BRICK					
	1963. . . . .	23 759	119 543	36 081	245 525	505 194
	1958. . . . .	22 766	98 103	32 933	190 355	413 670
3272	OTHER CONCRETE PRODUCTS					
	1963. . . . .	52 297	266 706	87 256	539 967	925 677
	1958. . . . .	46 182	199 883	73 436	390 378	718 543
3273	READY MIXED CONCRETE					
	1963. . . . .	71 523	410 539	96 228	981 997	2 292 504
	1958. . . . .	61 890	301 607	88 084	676 062	1 681 926
3274	LIME					
	1963. . . . .	6 778	38 903	11 366	95 135	164 366
	1958. . . . .	7 185	32 754	12 509	73 597	130 948
3275	GYPSUM PRODUCTS					
	1963. . . . .	11 491	70 335	20 766	259 659	425 108
	1958. . . . .	11 502	57 978	20 606	218 042	364 947
327	CONCRETE AND PLASTER PRODUCTS					
	1963. . . . .	165 848	906 026	251 697	2 122 283	4 312 849
	1958. . . . .	149 525	690 325	227 568	1 548 434	3 310 034
3281	CUT STONE AND STONE PRODUCTS					
	1963. . . . .	18 340	85 745	30 896	131 465	217 176
	1958. . . . .	20 348	83 038	33 056	129 038	206 264
328	CUT STONE AND STONE PRODUCTS					
	1963. . . . .	18 340	85 745	30 896	131 465	217 176
	1958. . . . .	20 348	83 038	33 056	129 038	206 264



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3291	ABRASIVE PRODUCTS					
	1963. . . . .	28 170	186 971	36 695	416 415	704 212
	1958. . . . .	23 955	127 912	30 891	277 706	490 752
3292	ASBESTOS PRODUCTS					
	1963. . . . .	19 516	118 024	32 884	269 067	509 236
	1958. . . . .	21 292	106 411	35 046	235 487	453 488
3293	GASKETS AND INSULATIONS					
	1963. . . . .	16 825	94 441	25 906	160 734	279 226
	1958. . . . .	13 494	65 078	19 502	105 211	188 684
3295	MINERALS, GROUND OR TREATED					
	1963. . . . .	7 330	41 567	11 749	102 079	204 393
	1958. . . . .	8 302	42 277	13 512	115 538	219 086
3296	MINERAL WOOL					
	1963. . . . .	14 733	92 347	24 781	206 846	391 873
	1958. . . . .	11 898	59 109	18 705	133 453	240 922
3297	NONCLAY REFRACTORIES					
	1963. . . . .	8 572	53 367	13 485	129 139	250 195
	1958. . . . .	8 013	41 167	11 657	102 362	177 643
3299	NONMETALLIC MINERALS, NEC					
	1963. . . . .	5 471	27 094	8 266	53 289	96 188
	1958. . . . .	4 316	16 982	6 535	31 973	58 947
329	NONMETALLIC MINERAL PRODUCTS					
	1963. . . . .	100 617	613 811	153 766	1 337 569	2 435 323
	1958. . . . .	91 270	458 936	135 848	1 001 730	1 829 522
32	STONE, CLAY & GLASS PRODUCTS					
	1963. . . . .	573 859	3 212 495	928 948	7 043 987	12 289 091
	1958. . . . .	552 081	2 634 152	883 502	5 528 023	9 717 735
3312	BLAST FURNACES AND STEEL MILLS					
	1963. . . . .	500 550	3 711 639	791 364	7 699 535	16 611 083
	1958. . . . .	511 392	3 183 483	765 941	6 062 227	13 422 585
3313	ELECTROMETALLURGICAL PRODUCTS					
	1963. . . . .	10 437	68 880	16 563	145 503	382 132
	1958. . . . .	12 689	71 883	18 961	178 880	399 122
3315	STEEL WIREDRAWING, ETC.					
	1963. . . . .	21 280	134 636	34 367	253 009	592 263
	1958. . . . .	19 250	110 184	29 147	196 200	452 062
3316	COLD FINISHING OF STEEL SHAPES					
	1963. . . . .	13 700	99 557	21 833	223 977	751 627
	1958. . . . .	10 943	67 084	16 039	141 516	477 824
3317	STEEL PIPE AND TUBE					
	1963. . . . .	22 882	153 147	37 862	295 242	809 009
	1958. . . . .	23 911	138 144	37 988	284 096	780 684
331	STEEL ROLLING AND FINISHING					
	1963. . . . .	568 849	4 167 859	901 989	8 617 266	19 146 114
	1958. . . . .	578 185	3 570 778	868 076	6 862 919	15 532 277
3321	GRAY IRON FOUNDRIES					
	1963. . . . .	120 528	730 279	214 285	1 168 478	1 984 944
	1958. . . . .	112 670	531 152	178 006	810 758	1 434 701
3322	MALLEABLE IRON FOUNDRIES					
	1963. . . . .	22 297	141 967	38 789	204 557	317 528
	1958. . . . .	20 230	100 579	31 366	127 592	214 537
3323	STEEL FOUNDRIES					
	1963. . . . .	56 810	361 378	95 106	586 914	871 048
	1958. . . . .	49 133	254 338	74 390	383 870	596 276
332	IRON AND STEEL FOUNDRIES					
	1963. . . . .	199 635	1 233 624	348 180	1 959 949	3 173 520
	1958. . . . .	182 033	886 069	283 762	1 322 220	2 245 514
3331	PRIMARY COPPER					
	1963. . . . .	14 949	96 134	25 846	285 510	1 245 457
	1958. . . . .	14 722	77 385	24 805	166 214	861 087
3332	PRIMARY LEAD					
	1963. . . . .	2 578	14 997	4 106	24 876	265 072
	1958. . . . .	3 563	18 182	5 687	36 325	317 061

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3333	PRIMARY ZINC					
	1963. . . . .	8 065	47 760	13 245	98 789	281 537
	1958. . . . .	8 923	44 078	13 788	71 653	208 993
3334	PRIMARY ALUMINUM					
	1963. . . . .	18 133	134 116	29 487	499 576	1 089 977
	1958. . . . .	17 381	111 588	27 738	383 836	808 822
3339	PRIMARY NONFERROUS METALS, NEC					
	1963. . . . .	5 064	34 807	8 148	103 830	212 176
	1958. . . . .	2 658	15 939	3 976	50 495	96 565
333	PRIMARY NONFERROUS METAL					
	1963. . . . .	48 789	327 814	80 832	1 012 581	3 094 219
	1958. . . . .	47 247	267 172	75 994	708 523	2 292 528
3341	SECONDARY NONFERROUS METALS					
	1963. . . . .	15 445	96 302	23 779	228 190	1 045 522
	1958. . . . .	14 441	75 669	21 194	147 262	724 013
334	SECONDARY NONFERROUS METALS					
	1963. . . . .	15 445	96 302	23 779	228 190	1 045 522
	1958. . . . .	14 441	75 669	21 194	147 262	724 013
3351	COPPER ROLLING AND DRAWING					
	1963. . . . .	38 949	260 320	65 746	478 393	1 657 526
	1958. . . . .	40 329	222 259	63 291	445 371	1 209 926
3352	ALUMINUM ROLLING AND DRAWING					
	1963. . . . .	54 263	376 647	89 868	721 171	2 196 439
	1958. . . . .	46 879	272 168	75 323	537 086	1 562 381
3356	ROLLING AND DRAWING, NEC					
	1963. . . . .	17 375	117 454	25 367	250 589	640 962
	1958. . . . .	16 571	94 713	22 542	174 633	486 308
3357	NONFERROUS WIREDRAWING, ETC.					
	1963. . . . .	56 418	339 935	90 368	677 535	2 117 943
	1958. . . . .	51 900	271 910	81 711	530 105	1 465 999
335	NONFERROUS ROLLING AND DRAWING					
	1963. . . . .	167 005	1 094 356	271 349	2 127 688	6 612 870
	1958. . . . .	155 679	861 050	242 867	1 687 195	4 724 614
3361	ALUMINUM CASTINGS					
	1963. . . . .	36 216	222 771	63 432	343 863	640 193
	1958. . . . .	30 045	158 915	48 683	225 686	422 041
3362	BRASS, BRONZE, COPPER CASTINGS					
	1963. . . . .	15 341	86 350	26 052	144 092	287 534
	1958. . . . .	14 861	70 512	23 538	109 744	220 955
3369	NONFERROUS CASTINGS, NEC					
	1963. . . . .	17 686	102 929	30 320	168 530	302 731
	1958. . . . .	17 253	89 239	27 617	135 311	234 649
336	NONFERROUS FOUNDRIES					
	1963. . . . .	69 243	412 050	119 804	656 485	1 230 458
	1958. . . . .	62 159	318 666	99 838	470 741	877 645
3391	IRON AND STEEL FORGINGS					
	1963. . . . .	36 317	259 793	58 316	395 302	868 948
	1958. . . . .	37 739	220 542	56 699	315 928	687 270
3392	NONFERROUS FORGINGS					
	1963. . . . .	6 297	47 627	10 064	71 378	165 146
	1958. . . . .	4 649	27 806	6 761	36 760	98 964
3399	PRIMARY METAL INDUSTRIES, NEC					
	1963. . . . .	14 956	94 704	24 658	192 250	284 661
	1958. . . . .	9 795	52 717	14 813	90 656	141 172
339	PRIMARY METAL INDUSTRIES NEC					
	1963. . . . .	57 570	402 124	93 038	658 930	1 318 755
	1958. . . . .	52 183	301 065	78 273	443 344	927 406
33	PRIMARY METAL INDUSTRIES					
	1963. . . . .	1 126 536	7 734 129	1 838 971	15 261 089	35 621 458
	1958. . . . .	1 091 927	6 280 469	1 670 004	11 642 204	27 323 997
3411	METAL CANS					
	1963. . . . .	53 245	377 031	97 340	830 515	2 075 014
	1958. . . . .	54 238	303 885	94 295	668 606	1 824 106



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
341	METAL CANS					
	1963. . . . .	53 245	377 031	97 340	830 515	2 075 014
	1958. . . . .	54 238	303 885	94 295	668 606	1 824 106
3421	CUTLERY					
	1963. . . . .	11 837	64 281	19 312	213 998	283 352
	1958. . . . .	11 831	52 745	17 986	126 310	179 271
3423	HAND AND EDGE TOOLS					
	1963. . . . .	31 480	176 837	48 716	364 265	565 590
	1958. . . . .	30 273	142 551	45 720	267 316	440 150
3425	HANDSAWS AND SAW BLADES					
	1963. . . . .	5 095	29 148	7 721	65 634	102 782
	1958. . . . .	5 509	28 311	7 883	53 658	87 626
3429	HARDWARE, NEC					
	1963. . . . .	88 142	529 217	145 633	1 063 661	1 785 134
	1958. . . . .	88 105	433 304	134 166	754 943	1 347 879
342	CUTLERY, HANDTOOLS, HARDWARE					
	1963. . . . .	136 554	799 483	221 382	1 707 558	2 736 858
	1958. . . . .	135 718	656 911	205 755	1 202 227	2 054 926
3431	METAL PLUMBING FIXTURES					
	1963. . . . .	11 011	68 162	17 501	139 859	234 896
	1958. . . . .	12 432	67 848	19 179	118 555	214 872
3432	PLUMBING FITTINGS, BRASS GOODS					
	1963. . . . .	15 129	79 336	23 988	154 752	333 832
	1958. . . . .	14 663	66 937	22 993	120 560	250 326
3433	HEATING EQUIPMENT, EXCEPT ELECTRIC					
	1963. . . . .	42 020	243 857	60 035	495 652	1 019 787
	1958. . . . .	44 680	222 681	63 178	432 799	912 878
343	PLUMBING AND HEATING, EXCEPT ELECTRIC					
	1963. . . . .	68 160	391 355	101 524	790 263	1 588 515
	1958. . . . .	71 775	357 466	105 350	671 914	1 378 076
3441	FABRICATED STRUCTURAL STEEL					
	1963. . . . .	85 423	527 220	127 899	814 805	1 916 048
	1958. . . . .	91 252	502 697	135 764	821 626	1 901 106
3442	METAL DOORS, SASH, AND TRIM					
	1963. . . . .	62 799	324 796	95 727	570 370	1 253 814
	1958. . . . .	57 897	273 219	83 849	469 050	1 037 371
3443	BOILER SHOP PRODUCTS					
	1963. . . . .	75 018	465 372	111 409	770 064	1 622 988
	1958. . . . .	90 551	497 146	127 164	754 972	1 670 007
3444	SHEET METALWORK					
	1963. . . . .	61 651	373 284	97 079	632 384	1 303 670
	1958. . . . .	58 800	309 060	86 550	516 136	1 077 811
3446	ARCHITECTURAL METALWORK					
	1963. . . . .	15 587	86 956	24 195	148 763	269 256
	1958. . . . .	20 964	111 006	31 605	180 942	322 440
3449	MISCELLANEOUS METALWORK, NEC					
	1963. . . . .	24 992	145 042	34 510	283 427	704 166
	1958. . . . .	21 158	113 798	30 385	220 134	594 711
344	STRUCTURAL METAL PRODUCTS					
	1963. . . . .	325 470	1 922 670	490 819	3 219 813	7 069 942
	1958. . . . .	340 622	1 806 926	495 317	2 962 860	6 603 446
3451	SCREW MACHINE PRODUCTS					
	1963. . . . .	36 909	213 172	64 270	358 961	588 981
	1958. . . . .	31 836	154 926	51 915	249 975	425 113
3452	BOLTS, NUTS, RIVETS, AND WASHERS					
	1963. . . . .	57 618	371 026	92 502	695 276	1 218 247
	1958. . . . .	53 270	286 039	80 579	504 731	880 328
345	SCREW MACHINE PRODUCTS, BOLTS, ETC					
	1963. . . . .	94 527	584 198	156 772	1 054 237	1 807 228
	1958. . . . .	85 106	440 965	132 494	754 706	1 305 441
3461	METAL STAMPINGS					
	1963. . . . .	132 179	772 557	222 005	1 368 993	2 678 996
	1958. . . . .	125 567	645 683	200 401	1 049 311	2 101 736

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
346	METAL STAMPINGS					
	1963. . . . .	132 179	772 557	222 005	1 368 993	2 678 996
	1958. . . . .	125 567	645 683	200 401	1 049 311	2 101 736
3471	PLATING AND POLISHING					
	1963. . . . .	44 962	223 504	74 846	370 202	517 572
	1958. . . . .	36 471	156 274	59 082	253 784	359 116
3479	METAL COATING, ENGRAVING, ETC					
	1963. . . . .	20 669	107 110	34 998	184 546	322 139
	1958. . . . .	15 680	68 046	25 206	108 379	196 389
347	METAL SERVICES, NEC					
	1963. . . . .	65 631	330 614	109 844	554 748	839 711
	1958. . . . .	52 151	224 320	84 288	362 163	555 505
3481	FABRICATED WIRE PRODUCTS, NEC					
	1963. . . . .	55 514	297 626	92 096	539 137	1 030 876
	1958. . . . .	55 476	261 027	86 278	439 940	874 923
348	FABRICATED WIRE PRODUCTS, NEC					
	1963. . . . .	55 514	297 626	92 096	539 137	1 030 876
	1958. . . . .	55 476	261 027	86 278	439 940	874 923
3491	METAL BARRELS, DRUMS, AND PAILS					
	1963. . . . .	10 508	66 614	17 713	119 617	303 423
	1958. . . . .	9 640	53 005	15 058	94 548	250 256
3492	SAFES AND VAULTS					
	1963. . . . .	3 346	21 782	4 817	56 223	78 012
	1958. . . . .	3 495	15 843	4 417	39 537	58 790
3493	STEEL SPRINGS					
	1963. . . . .	6 287	41 321	10 633	69 305	157 704
	1958. . . . .	6 758	35 607	9 978	54 135	120 525
3494	VALVES AND PIPE FITTINGS					
	1963. . . . .	80 407	500 009	116 929	942 700	1 588 509
	1958. . . . .	76 844	410 225	110 634	732 618	1 263 960
3496	COLLAPSIBLE TUBES					
	1963. . . . .	3 984	18 804	6 923	30 562	51 027
	1958. . . . .	3 837	16 118	6 852	25 257	44 700
3497	METAL FOIL AND LEAF					
	1963. . . . .	4 981	32 438	7 831	63 486	180 567
	1958. . . . .	3 500	18 709	5 149	38 063	96 438
3498	FABRICATED PIPE AND FITTINGS					
	1963. . . . .	13 007	79 087	18 733	144 598	305 640
	1958. . . . .	15 214	84 015	22 238	155 621	329 979
3499	FABRICATED METAL PRODUCTS, NEC					
	1963. . . . .	28 302	151 919	45 673	299 326	573 185
	1958. . . . .	20 200	93 199	29 845	180 132	340 096
349	FABRICATED METAL PRODUCTS, NEC					
	1963. . . . .	150 822	911 974	229 252	1 725 817	3 238 067
	1958. . . . .	139 488	726 721	204 171	1 319 911	2 504 744
34	FABRICATED METAL PRODUCTS					
	1963. . . . .	1 082 102	6 387 508	1 721 034	11 791 081	23 065 206
	1958. . . . .	1 060 141	5 423 904	1 608 349	9 431 638	19 202 903
3511	STEAM ENGINES AND TURBINES					
	1963. . . . .	30 917	237 519	38 933	379 875	616 416
	1958. . . . .	45 347	274 589	57 791	568 643	961 769
3519	INTERNAL COMBUSTION ENGINES					
	1963. . . . .	55 687	371 800	84 996	733 628	1 473 574
	1958. . . . .	52 004	286 816	72 564	520 443	1 085 808
351	ENGINES AND TURBINES					
	1963. . . . .	86 604	609 319	123 929	1 113 503	2 089 990
	1958. . . . .	97 351	561 405	130 355	1 089 086	2 047 577
3522	FARM MACHINERY AND EQUIPMENT					
	1963. . . . .	112 614	689 122	168 911	1 328 381	2 842 243
	1958. . . . .	108 586	550 998	153 962	1 087 836	2 421 873
352	FARM MACHINERY AND EQUIPMENT					
	1963. . . . .	112 614	689 122	168 911	1 328 381	2 842 243
	1958. . . . .	108 586	550 998	153 962	1 087 836	2 421 873



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3531	CONSTRUCTION MACHINERY					
	1963. . . . .	104 520	683 728	155 267	1 301 266	2 696 039
	1958. . . . .	95 304	496 751	124 622	1 022 801	2 107 352
3532	MINING MACHINERY AND EQUIPMENT					
	1963. . . . .	16 910	109 531	23 289	215 406	417 616
	1958. . . . .	17 808	96 966	22 578	165 831	342 035
3533	OILFIELD MACHINES AND EQUIPMENT					
	1963. . . . .	29 203	184 288	41 409	398 152	666 532
	1958. . . . .	31 878	174 692	41 215	336 788	585 268
3534	ELEVATORS AND MOVING STAIRWAYS					
	1963. . . . .	12 393	88 389	15 458	201 527	318 616
	1958. . . . .	9 626	55 657	11 764	126 270	192 806
3535	CONVEYORS					
	1963. . . . .	20 778	140 617	26 312	270 475	494 632
	1958. . . . .	20 789	119 431	25 584	192 892	385 714
3536	HOISTS, CRANES, AND MONORAILS					
	1963. . . . .	9 585	64 301	13 980	112 327	220 015
	1958. . . . .	9 520	53 566	12 988	92 759	184 722
3537	INDUSTRIAL TRUCKS AND TRACTORS					
	1963. . . . .	17 570	110 444	23 815	233 116	446 957
	1958. . . . .	14 786	76 200	18 121	117 500	269 328
353	CONSTRUCTION & LIKE EQUIPMENT					
	1963. . . . .	210 959	1 381 298	299 530	2 732 269	5 260 407
	1958. . . . .	199 711	1 073 263	256 872	2 054 841	4 067 225
3541	METAL-CUTTING MACHINE TOOLS					
	1963. . . . .	61 058	438 222	86 486	699 341	1 060 818
	1958. . . . .	52 864	300 344	69 616	420 961	679 836
3542	METAL-FORMING MACHINE TOOLS					
	1963. . . . .	22 078	161 669	34 633	281 287	441 419
	1958. . . . .	22 502	132 368	30 905	176 021	317 657
3544	SPECIAL DIES AND TOOLS					
	1963. . . . .	90 860	682 739	169 313	1 029 338	1 388 794
	1958. . . . .	83 308	536 588	139 877	780 090	1 060 566
3545	MACHINE TOOL ACCESSORIES					
	1963. . . . .	46 994	312 799	72 037	559 258	787 338
	1958. . . . .	41 521	226 949	56 299	348 580	511 456
3548	METALWORKING MACHINERY, NEC					
	1963. . . . .	38 012	246 242	57 094	468 435	796 327
	1958. . . . .	33 328	183 307	46 915	332 397	602 015
354	METALWORKING MACHINERY					
	1963. . . . .	259 002	1 841 671	419 563	3 037 659	4 474 696
	1958. . . . .	233 523	1 379 556	343 612	2 058 049	3 171 530
3551	FOOD PRODUCTS MACHINERY					
	1963. . . . .	31 684	205 368	43 276	380 406	640 507
	1958. . . . .	27 715	152 515	36 304	268 639	456 171
3552	TEXTILE MACHINERY					
	1963. . . . .	36 004	196 379	56 145	314 190	542 684
	1958. . . . .	34 313	154 548	51 206	214 199	376 340
3553	WOODWORKING MACHINERY					
	1963. . . . .	12 057	72 928	17 662	146 998	252 762
	1958. . . . .	12 219	63 414	15 945	112 936	214 376
3554	PAPER INDUSTRIES MACHINERY					
	1963. . . . .	18 605	130 614	27 233	217 475	403 925
	1958. . . . .	15 713	89 881	22 727	123 758	310 179
3555	PRINTING TRADES MACHINERY					
	1963. . . . .	22 952	159 407	34 269	285 879	448 398
	1958. . . . .	21 453	119 575	30 001	188 881	309 797
3559	SPECIAL INDUSTRY MACHINES, NEC					
	1963. . . . .	50 226	330 127	70 932	572 236	1 015 014
	1958. . . . .	50 849	273 665	67 312	431 117	761 077
355	SPECIAL INDUSTRY MACHINERY					
	1963. . . . .	171 528	1 094 823	249 517	1 917 184	3 303 290
	1958. . . . .	162 262	853 598	223 495	1 339 530	2 427 940

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3561	PUMPS AND COMPRESSORS					
	1963. . . . .	61 322	395 769	80 825	768 787	1 419 081
	1958. . . . .	60 042	321 509	74 975	542 037	1 114 053
3562	BALL AND ROLLER BEARINGS					
	1963. . . . .	52 316	348 700	85 970	627 694	998 784
	1958. . . . .	46 439	241 160	67 323	407 744	649 640
3564	BLOWERS AND FANS					
	1963. . . . .	15 244	94 090	21 616	180 801	315 285
	1958. . . . .	15 947	82 457	21 356	145 050	271 629
3565	INDUSTRIAL PATTERNS					
	1963. . . . .	9 914	75 605	17 710	112 587	140 696
	1958. . . . .	8 870	54 746	13 950	78 108	98 343
3566	POWER TRANSMISSION EQUIPMENT					
	1963. . . . .	46 670	303 314	71 101	555 710	888 641
	1958. . . . .	41 782	226 101	57 537	384 372	630 303
3567	INDUSTRIAL FURNACES AND OVENS					
	1963. . . . .	12 118	83 738	13 963	143 009	279 058
	1958. . . . .	10 288	57 394	11 671	96 450	204 853
3569	GENERAL INDUSTRY MACHINES, NEC					
	1963. . . . .	35 559	240 816	40 869	424 084	691 280
	1958. . . . .	28 014	159 915	31 784	281 423	458 280
356	GENERAL INDUSTRIAL MACHINERY					
	1963. . . . .	233 143	1 542 032	332 054	2 812 672	4 732 825
	1958. . . . .	211 382	1 143 282	278 596	1 935 184	3 427 101
3571	COMPUTING AND RELATED MACHINES					
	1963. . . . .	96 370	703 231	119 521	1 101 484	2 019 714
	1958. . . . .	80 864	473 455	98 497	579 103	1 104 194
3572	TYPEWRITERS					
	1963. . . . .	18 023	102 885	27 076	243 190	315 385
	1958. . . . .	19 779	84 467	29 748	168 877	238 173
3576	SCALES AND BALANCES					
	1963. . . . .	5 765	35 052	7 678	64 362	98 491
	1958. . . . .	5 347	26 574	6 886	49 125	78 335
3579	OFFICE MACHINES, NEC					
	1963. . . . .	16 980	104 053	22 996	224 654	349 210
	1958. . . . .	15 625	82 984	21 227	173 424	264 513
357	OFFICE MACHINES, NEC					
	1963. . . . .	137 138	945 221	177 271	1 633 690	2 782 800
	1958. . . . .	121 615	667 480	156 358	970 529	1 685 215
3581	AUTOMATIC VENDING MACHINES					
	1963. . . . .	11 672	64 791	16 790	121 365	238 000
	1958. . . . .	7 894	37 049	10 846	64 694	141 635
3582	COMMERCIAL LAUNDRY EQUIPMENT					
	1963. . . . .	6 542	37 929	9 605	70 771	136 757
	1958. . . . .	6 560	33 047	9 218	65 580	119 499
3585	REFRIGERATION MACHINERY					
	1963. . . . .	72 330	432 583	101 231	892 686	1 928 001
	1958. . . . .	67 715	342 169	90 352	598 032	1 441 082
3586	MEASURING AND DISPENSING PUMPS					
	1963. . . . .	6 768	41 732	8 913	91 713	159 487
	1958. . . . .	6 201	32 852	7 102	64 689	119 045
3589	SERVICE INDUSTRY MACHINES, NEC					
	1963. . . . .	15 257	96 834	19 423	192 379	378 300
	1958. . . . .	11 689	63 719	15 086	125 156	245 227
358	SERVICE INDUSTRY MACHINES					
	1963. . . . .	112 569	673 869	155 962	1 368 914	2 840 545
	1958. . . . .	100 059	508 836	132 604	918 151	2 066 488
3599	MISCELLANEOUS MACHINERY					
	1963. . . . .	135 820	793 629	224 320	1 366 327	2 036 299
	1958. . . . .	115 535	574 873	179 544	959 099	1 479 680
359	MISCELLANEOUS MACHINERY					
	1963. . . . .	135 820	793 629	224 320	1 366 327	2 036 299
	1958. . . . .	115 535	574 873	179 544	959 099	1 479 680



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
35	MACHINERY, EXCEPT ELECTRICAL					
	1963. . . . .	1 459 377	9 570 984	2 151 057	17 310 598	30 363 095
	1958. . . . .	1 350 024	7 313 291	1 855 398	12 412 305	22 794 629
3611	ELECTRIC MEASURING INSTRUMENTS					
	1963. . . . .	44 715	273 645	59 905	505 309	749 220
	1958. . . . .	46 923	254 833	63 646	419 396	673 522
3612	TRANSFORMERS					
	1963. . . . .	33 365	209 514	46 873	381 514	722 896
	1958. . . . .	34 601	186 361	45 112	366 659	642 502
3613	SWITCHGEAR AND SWITCHBOARDS					
	1963. . . . .	54 045	338 860	76 910	647 838	1 093 743
	1958. . . . .	52 871	283 152	72 769	555 039	962 558
361	ELECTRIC DISTRIBUTION PRODUCTS					
	1963. . . . .	132 125	822 019	183 688	1 534 661	2 565 859
	1958. . . . .	134 395	724 346	181 527	1 341 094	2 278 582
3621	MOTORS AND GENERATORS					
	1963. . . . .	94 170	583 225	140 174	993 207	1 709 818
	1958. . . . .	93 541	488 854	127 799	813 124	1 392 573
3622	INDUSTRIAL CONTROLS					
	1963. . . . .	32 990	214 597	44 898	450 507	648 683
	1958. . . . .	27 150	145 270	33 660	281 890	413 163
3623	ELECTRIC WELDING APPARATUS					
	1963. . . . .	9 629	72 113	14 075	162 411	330 227
	1958. . . . .	9 895	60 761	12 746	112 709	247 739
3624	CARBON AND GRAPHITE PRODUCTS					
	1963. . . . .	10 123	61 984	16 104	141 423	226 889
	1958. . . . .	8 904	45 628	13 015	102 483	154 925
3629	ELECTRIC INDUSTRIAL GOODS, NEC					
	1963. . . . .	14 041	72 988	21 043	141 633	238 325
	1958. . . . .	16 842	78 595	23 619	137 547	228 929
362	ELECTRIC INDUSTRIAL APPARATUS					
	1963. . . . .	160 953	1 004 907	236 294	1 889 181	3 153 942
	1958. . . . .	156 332	819 108	210 839	1 447 753	2 437 329
3631	HOUSEHOLD COOKING EQUIPMENT					
	1963. . . . .	19 191	111 266	30 356	230 285	473 453
	1958. . . . .	18 152	89 239	28 160	181 091	364 852
3632	HOUSEHOLD REFRIGERATORS					
	1963. . . . .	43 065	279 977	69 978	631 269	1 306 539
	1958. . . . .	41 493	221 439	65 592	433 369	1 002 302
3633	HOUSEHOLD LAUNDRY EQUIPMENT					
	1963. . . . .	18 343	115 387	28 827	353 863	760 161
	1958. . . . .	24 597	134 263	35 751	324 480	742 466
3634	ELECTRIC HOUSEWARES AND FANS					
	1963. . . . .	38 801	188 257	59 567	463 845	850 281
	1958. . . . .	29 150	128 850	42 804	301 033	559 090
3635	HOUSEHOLD VACUUM CLEANERS					
	1963. . . . .	5 682	35 524	8 208	116 137	175 357
	1958. . . . .	5 330	29 863	7 454	84 180	142 020
3636	SEWING MACHINES					
	1963. . . . .	7 646	51 962	12 136	98 328	117 157
	1958. . . . .	9 607	48 314	13 343	61 991	109 314
3639	HOUSEHOLD APPLIANCES, NEC					
	1963. . . . .	13 127	81 590	19 929	204 188	435 458
	1958. . . . .	14 622	79 658	19 985	162 664	378 758
363	HOUSEHOLD APPLIANCES					
	1963. . . . .	145 855	863 963	229 001	2 097 915	4 118 406
	1958. . . . .	142 951	731 626	213 089	1 548 808	3 298 802
3641	ELECTRIC LAMPS					
	1963. . . . .	23 404	122 721	40 256	362 235	574 522
	1958. . . . .	21 495	95 298	35 119	270 498	417 516
3642	LIGHTING FIXTURES					
	1963. . . . .	53 866	288 148	83 284	587 834	1 159 497
	1958. . . . .	47 309	215 829	71 605	397 378	826 595

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments, (\$1,000)
3643	CURRENT CARRYING DEVICES					
	1963. . . . .	35 424	175 185	53 474	355 643	615 980
	1958. . . . .	35 692	155 976	51 612	300 836	501 309
3644	NONCURRENT CARRYING DEVICES					
	1963. . . . .	20 290	123 576	29 691	253 918	479 033
	1958. . . . .	19 722	101 382	28 741	214 607	413 758
364	LIGHTING AND WIRING DEVICES					
	1963. . . . .	132 984	709 630	206 705	1 559 630	2 829 032
	1958. . . . .	124 218	568 485	187 077	1 183 319	2 159 178
3651	RADIO AND TV RECEIVING SETS					
	1963. . . . .	81 264	411 924	128 463	911 954	2 254 878
	1958. . . . .	66 504	292 664	100 487	593 953	1 548 006
3652	PHONOGRAPH RECORDS					
	1963. . . . .	9 554	46 981	15 022	125 388	180 173
	1958. . . . .	7 421	33 381	12 158	93 073	148 731
365	RADIO, TV, RECEIVING EQUIPMENT					
	1963. . . . .	90 818	458 905	143 485	1 037 342	2 435 051
	1958. . . . .	73 925	326 045	112 645	687 026	1 696 737
3661	TELEPHONE, TELEGRAPH APPARATUS					
	1963. . . . .	89 465	554 375	122 707	1 013 792	1 736 358
	1958. . . . .	80 061	430 739	105 522	715 511	1 207 955
3662	RADIO, TV COMMUNICATIONS EQUIPMENT					
	1963. . . . .	387 384	2 840 218	419 121	4 327 671	7 145 600
	1958. . . . .	154 350	924 071	178 315	1 558 261	2 852 617
366	COMMUNICATION EQUIPMENT					
	1963. . . . .	476 849	3 394 593	541 828	5 341 463	8 881 958
	1958. . . . .	234 411	1 354 810	283 837	2 273 772	4 060 572
3671	ELECTRON TUBES, RECEIVING TYPE					
	1963. . . . .	25 850	136 768	37 670	250 681	321 091
	1958. . . . .	36 968	149 540	57 271	285 799	382 526
3672	CATHODE RAY PICTURE TUBES					
	1963. . . . .	10 916	66 888	16 634	128 354	269 122
	1958. . . . .	8 554	38 092	14 183	67 472	159 952
3673	ELECTRON TUBES, TRANSMITTING					
	1963. . . . .	18 704	129 296	24 027	204 614	299 527
	1958. . . . .	20 146	102 150	29 472	165 803	258 474
3674	SEMICONDUCTORS					
	1963. . . . .	56 349	320 875	77 113	467 035	687 817
	1958. . . . .	21 759	105 326	32 724	171 830	230 597
3679	ELECTRONIC COMPONENTS, NEC					
	1963. . . . .	176 708	881 920	261 707	1 457 433	2 332 215
	1958. . . . .	110 483	458 695	168 663	742 981	1 215 087
367	ELECTRONIC COMPONENTS					
	1963. . . . .	288 527	1 535 747	417 151	2 508 117	3 909 772
	1958. . . . .	197 910	853 803	302 313	1 433 885	2 246 636
3691	STORAGE BATTERIES					
	1963. . . . .	17 512	108 700	28 444	244 152	516 457
	1958. . . . .	14 924	76 961	23 205	150 061	368 993
3692	PRIMARY BATTERIES, DRY AND WET					
	1963. . . . .	8 478	40 602	13 615	113 787	195 298
	1958. . . . .	8 096	34 025	13 236	75 431	138 215
3693	X-RAY APPARTUS AND TUBES					
	1963. . . . .	6 236	43 796	6 921	86 534	143 706
	1958. . . . .	5 258	30 686	5 856	58 436	95 090
3694	ENGINE ELECTRICAL EQUIPMENT					
	1963. . . . .	40 559	250 202	66 903	496 662	900 663
	1958. . . . .	38 127	195 983	56 394	353 534	606 518
3699	ELECTRICAL PRODUCTS, NEC					
	1963. . . . .	10 923	51 215	16 496	101 221	190 038
	1958. . . . .	10 259	39 342	15 776	73 581	165 388
369	ELECTRICAL PRODUCTS, NEC					
	1963. . . . .	83 708	494 515	132 379	1 042 356	1 946 162
	1958. . . . .	76 664	376 997	114 467	711 043	1 374 204



# Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
36	ELECTRICAL MACHINERY					
	1963. . . . .	1 511 819	9 284 279	2 090 531	17 010 665	29 840 182
	1958. . . . .	1 140 806	5 755 220	1 605 794	10 626 700	19 552 039
3713	TRUCK AND BUS BODIES					
	1963. . . . .	24 466	133 300	40 897	229 472	476 733
	1958. . . . .	20 009	91 374	30 741	145 608	307 769
3715	TRUCK TRAILERS					
	1963. . . . .	19 429	112 876	30 896	205 475	515 661
	1958. . . . .	15 669	78 142	24 564	131 140	334 724
3717	MOTOR VEHICLES AND PARTS					
	1963. . . . .	649 926	4 947 271	1 192 606	12 345 630	36 181 007
	1958. . . . .	541 510	3 148 590	849 936	6 473 927	20 768 388
371	MOTOR VEHICLES AND EQUIPMENT					
	1963. . . . .	693 821	5 193 447	1 264 399	12 780 577	37 173 401
	1958. . . . .	577 188	3 318 106	905 241	6 750 675	21 410 882
3721	AIRCRAFT					
	1963. . . . .	302 201	2 369 416	342 120	3 542 695	6 316 531
	1958. . . . .	377 383	2 340 306	508 195	3 399 163	6 438 067
3722	AIRCRAFT ENGINES AND PARTS					
	1963. . . . .	190 834	1 486 081	222 000	2 244 317	4 100 520
	1958. . . . .	159 094	999 237	194 858	1 615 671	3 512 073
3723	AIRCRAFT PROPELLERS AND PARTS					
	1963. . . . .	11 183	78 712	13 515	113 433	190 761
	1958. . . . .	15 505	85 635	19 363	112 301	235 270
3729	AIRCRAFT EQUIPMENT, NEC					
	1963. . . . .	175 167	1 319 476	232 819	1 966 904	3 168 607
	1958. . . . .	213 500	1 294 872	296 671	1 797 203	3 031 089
372	AIRCRAFT AND PARTS					
	1963. . . . .	679 385	5 253 685	810 454	7 867 349	13 776 419
	1958. . . . .	765 482	4 720 050	1 019 087	6 924 338	13 216 499
3731	SHIP BUILDING AND REPAIRING					
	1963. . . . .	114 649	782 299	193 512	1 009 690	1 679 765
	1958. . . . .	119 147	669 826	197 707	913 687	1 625 624
3732	BOAT BUILDING AND REPAIRING					
	1963. . . . .	24 861	116 140	42 011	183 059	360 208
	1958. . . . .	25 295	103 603	40 346	157 309	329 009
373	SHIP AND BOAT BUILDING					
	1963. . . . .	139 510	898 439	235 523	1 192 749	2 039 973
	1958. . . . .	144 442	773 429	238 053	1 070 996	1 954 633
3741	LOCOMOTIVES AND PARTS					
	1963. . . . .	14 337	99 696	20 803	186 241	437 872
	1958. . . . .	15 282	90 097	21 092	152 086	407 540
3742	RAILROAD AND STREET CARS					
	1963. . . . .	30 742	201 999	47 246	355 230	927 184
	1958. . . . .	24 309	132 302	32 565	167 576	562 190
374	RAILROAD EQUIPMENT					
	1963. . . . .	45 079	301 695	68 049	541 471	1 365 056
	1958. . . . .	39 591	222 399	53 657	319 662	969 730
3751	MOTORCYCLES, BICYCLES, & PARTS					
	1963. . . . .	9 662	48 425	15 152	82 245	192 851
	1958. . . . .	7 578	33 020	12 213	52 125	121 527
375	MOTORCYCLES, BICYCLES, AND PARTS					
	1963. . . . .	9 662	48 425	15 152	82 245	192 851
	1958. . . . .	7 578	33 020	12 213	52 125	121 527
3791	TRAILER COACHES					
	1963. . . . .	25 669	125 002	43 390	232 460	713 119
	1958. . . . .	18 717	77 129	30 613	127 683	461 053
3799	TRANSPORTATION EQUIPMENT, NEC					
	1963. . . . .	8 032	37 547	13 183	68 823	167 375
	1958. . . . .	4 761	20 448	7 360	37 234	92 811
379	TRANSPORTATION EQUIPMENT, NEC					
	1963. . . . .	33 701	162 549	56 573	301 283	880 494
	1958. . . . .	23 478	97 577	37 973	164 917	553 864

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
37	TRANSPORTATION EQUIPMENT					
	1963. . . . .	1 601 158	11 858 240	2 450 150	22 765 674	55 428 194
	1958. . . . .	1 557 759	9 164 581	2 266 224	15 282 713	38 227 135
3811	SCIENTIFIC INSTRUMENTS					
	1963. . . . .	33 084	208 171	44 584	358 588	553 920
	1958. . . . .	57 249	330 209	78 017	481 166	752 542
381	SCIENTIFIC INSTRUMENTS					
	1963. . . . .	33 084	208 171	44 584	358 588	553 920
	1958. . . . .	57 249	330 209	78 017	481 166	752 542
3821	MECHANICAL MEASURING DEVICES					
	1963. . . . .	62 353	388 874	81 510	732 529	1 143 416
	1958. . . . .	50 049	258 488	62 982	457 126	726 823
3822	AUTOMATIC TEMPERATURE CONTROLS					
	1963. . . . .	31 685	192 301	45 459	379 091	527 358
	1958. . . . .	25 513	128 974	35 599	258 969	359 430
382	MECHANICAL MEASURING DEVICES					
	1963. . . . .	94 038	581 175	126 969	1 111 620	1 670 774
	1958. . . . .	75 562	387 462	98 581	716 095	1 086 253
3831	OPTICAL INSTRUMENTS AND LENSES					
	1963. . . . .	11 924	79 131	16 728	131 917	196 022
	1958. . . . .	7 184	37 586	10 485	60 387	102 966
383	OPTICAL INSTRUMENTS AND LENSES					
	1963. . . . .	11 924	79 131	16 728	131 917	196 022
	1958. . . . .	7 184	37 586	10 485	60 387	102 966
3841	SURGICAL & MEDICAL INSTRUMENTS					
	1963. . . . .	15 145	83 332	22 916	168 556	284 014
	1958. . . . .	10 293	44 878	16 162	85 153	130 477
3842	SURGICAL APPLIANCES & SUPPLIES					
	1963. . . . .	28 267	161 800	37 904	370 273	596 666
	1958. . . . .	24 179	114 867	31 460	257 640	461 846
3843	DENTAL EQUIPMENT AND SUPPLIES					
	1963. . . . .	8 008	46 080	11 211	95 876	147 805
	1958. . . . .	7 242	34 775	10 188	71 574	115 667
384	MEDICAL INSTRUMENTS & SUPPLIES					
	1963. . . . .	51 420	291 212	72 031	634 705	1 028 485
	1958. . . . .	41 714	194 520	57 810	414 367	707 990
3851	OPHTHALMIC GOODS					
	1963. . . . .	20 296	96 361	32 771	177 898	272 687
	1958. . . . .	18 223	71 465	29 988	136 696	194 446
385	OPHTHALMIC GOODS					
	1963. . . . .	20 296	96 361	32 771	177 898	272 687
	1958. . . . .	18 223	71 465	29 988	136 696	194 446
3861	PHOTOGRAPHIC EQUIPMENT					
	1963. . . . .	64 937	498 828	77 753	1 270 132	1 851 213
	1958. . . . .	60 232	368 970	74 256	788 759	1 204 905
386	PHOTOGRAPHIC EQUIPMENT					
	1963. . . . .	64 937	498 828	77 753	1 270 132	1 851 213
	1958. . . . .	60 232	368 970	74 256	788 759	1 204 905
3871	WATCHES AND CLOCKS					
	1963. . . . .	27 047	144 179	41 171	288 053	511 168
	1958. . . . .	23 505	106 739	36 080	165 158	334 928
3872	WATCHCASES					
	1963. . . . .	2 706	13 415	4 548	19 218	33 620
	1958. . . . .	2 652	12 574	4 352	18 398	34 660
387	WATCHES, CLOCKS, AND WATCHCASES					
	1963. . . . .	29 753	157 594	45 719	307 271	544 788
	1958. . . . .	26 157	119 313	40 432	183 556	369 588
38	INSTRUMENTS & RELATED PRODUCTS					
	1963. . . . .	305 452	1 912 472	416 555	3 992 131	6 117 889
	1958. . . . .	286 321	1 509 525	389 569	2 781 026	4 418 690
3911	JEWELRY, PRECIOUS METAL					
	1963. . . . .	23 551	125 610	35 601	234 925	481 943
	1958. . . . .	21 010	94 503	30 515	165 549	325 542



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3912	JEWELERS' FINDINGS AND MATERIALS					
	1963. . . . .	4 816	20 836	7 684	33 958	72 833
	1958. . . . .	4 227	16 380	6 776	26 787	57 475
3913	LAPIDARY WORK					
	1963. . . . .	1 535	8 289	2 265	16 129	65 094
	1958. . . . .	1 904	8 061	2 985	14 605	40 428
3914	SILVERWARE AND PLATED WARE					
	1963. . . . .	13 249	70 924	22 140	130 735	237 999
	1958. . . . .	13 852	62 318	21 851	109 728	196 055
391	JEWELRY AND SILVERWARE					
	1963. . . . .	43 151	225 659	67 690	415 747	857 869
	1958. . . . .	40 993	181 262	62 127	316 669	619 500
3931	MUSICAL INSTRUMENTS AND PARTS					
	1963. . . . .	20 095	103 029	33 600	179 035	314 407
	1958. . . . .	16 103	74 650	25 568	120 935	236 750
393	MUSICAL INSTRUMENTS AND PARTS					
	1963. . . . .	20 095	103 029	33 600	179 035	314 407
	1958. . . . .	16 103	74 650	25 568	120 935	236 750
3941	GAMES AND TOYS, NEC					
	1963. . . . .	51 835	206 744	84 425	444 101	796 631
	1958. . . . .	42 972	149 725	68 007	288 863	544 056
3942	DOLLS					
	1963. . . . .	16 213	58 991	24 361	138 100	247 942
	1958. . . . .	13 860	43 984	22 709	77 149	161 924
3943	CHILDREN'S VEHICLES					
	1963. . . . .	4 542	19 436	7 595	35 304	77 507
	1958. . . . .	4 708	19 625	7 712	31 727	70 438
3949	SPORTING & ATHLETIC GOODS, NEC					
	1963. . . . .	40 543	175 777	62 703	360 980	704 718
	1958. . . . .	37 164	148 477	57 370	314 059	577 815
394	TOYS AND SPORTING GOODS					
	1963. . . . .	113 133	460 948	179 084	978 485	1 826 798
	1958. . . . .	98 704	361 811	155 798	711 798	1 354 233
3951	PENS AND MECHANICAL PENCILS					
	1963. . . . .	11 562	54 968	17 937	119 069	185 464
	1958. . . . .	11 179	45 856	16 234	90 197	150 279
3952	LEAD PENCILS AND ART GOODS					
	1963. . . . .	6 868	31 944	9 831	64 731	121 630
	1958. . . . .	6 687	26 183	9 366	47 909	98 494
3953	MARKING DEVICES					
	1963. . . . .	7 625	41 367	10 657	85 572	126 845
	1958. . . . .	5 447	24 775	7 357	39 940	59 923
3955	CARBON PAPER AND INKED RIBBONS					
	1963. . . . .	5 539	31 480	7 671	68 353	155 513
	1958. . . . .	5 818	27 614	7 854	58 951	126 013
395	PENS, PENCILS, AND OFFICE SUPPLIES					
	1963. . . . .	31 594	159 759	46 096	337 725	589 452
	1958. . . . .	29 131	124 428	40 811	236 997	434 709
3961	COSTUME JEWELRY					
	1963. . . . .	21 655	85 268	34 535	150 999	280 478
	1958. . . . .	25 286	83 201	39 994	138 043	253 809
3962	ARTIFICIAL FLOWERS					
	1963. . . . .	4 958	16 338	7 609	29 194	60 418
	1958. . . . .	6 770	19 021	11 038	34 650	64 969
3963	BUTTONS					
	1963. . . . .	5 599	23 024	9 133	43 751	81 835
	1958. . . . .	6 462	21 526	10 425	37 967	68 609
3964	NEEDLES, PINS, AND FASTENERS					
	1963. . . . .	20 271	89 431	32 642	190 868	337 285
	1958. . . . .	17 756	69 873	26 723	127 664	220 517
396	COSTUME JEWELRY AND NOTIONS					
	1963. . . . .	52 483	214 061	83 919	414 812	760 016
	1958. . . . .	56 274	193 621	88 180	338 324	607 904

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 1. 1958-1963

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3981	BROOMS AND BRUSHES					
	1963. . . . .	16 637	73 620	25 801	167 866	321 129
	1958. . . . .	17 082	64 573	25 601	137 496	275 722
3982	HARD SURFACE FLOOR COVERINGS					
	1963. . . . .	6 192	38 965	10 099	118 832	204 112
	1958. . . . .	7 999	41 924	14 034	93 145	181 584
3983	MATCHES					
	1963. . . . .	4 647	21 659	7 790	38 666	64 131
	1958. . . . .	5 127	21 097	8 505	41 776	67 018
3984	CANDLES					
	1963. . . . .	3 167	13 225	4 553	26 306	45 515
	1958. . . . .	2 516	9 268	3 572	17 668	33 802
3987	LAMP SHADES					
	1963. . . . .	3 583	12 775	6 002	20 476	37 485
	1958. . . . .	3 895	11 401	6 439	18 577	34 066
3988	MORTICIANS' GOODS					
	1963. . . . .	17 283	86 218	27 507	158 422	290 036
	1958. . . . .	17 362	73 736	27 760	128 879	237 773
398	MISCELLANEOUS MANUFACTURES					
	1963. . . . .	51 509	246 462	81 752	530 568	962 408
	1958. . . . .	53 981	221 999	85 911	437 541	829 965
3992	FURS, DRESSED AND DYED					
	1963. . . . .	2 577	20 092	4 113	30 240	42 007
	1958. . . . .	2 696	16 231	3 924	24 112	29 152
3993	SIGNS AND ADVERTISING DISPLAYS					
	1963. . . . .	43 476	242 593	64 837	407 478	646 772
	1958. . . . .	36 170	173 028	53 572	281 168	457 025
3995	UMBRELLAS, PARASOLS, AND CANES					
	1963. . . . .	2 604	10 151	4 325	16 101	36 630
	1958. . . . .	2 932	10 129	4 929	16 602	35 161
3999	MISCELLANEOUS PRODUCTS, NEC					
	1963. . . . .	30 138	129 350	47 811	252 170	458 471
	1958. . . . .	27 285	109 053	42 116	192 313	358 076
399	MISCELLANEOUS MANUFACTURES					
	1963. . . . .	78 795	402 186	121 086	705 989	1 183 880
	1958. . . . .	69 083	308 441	104 541	514 195	879 414
39	MISCELLANEOUS MANUFACTURING					
	1963. . . . .	390 760	1 812 104	613 227	3 562 361	6 494 830
	1958. . . . .	364 269	1 466 212	562 936	2 676 459	4 962 475



**Appendix B. Industry Statistics Used for Weighting --Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
	<b>TOTAL MANUFACTURING</b>					
	1958. . . . .	15 393 766	73 749 729	22 632 571	141 269 270	326 713 290
	1954. . . . .	15 700 253	63 225 477	24 417 020	117 625 815	280 268 120
	<b>TOTAL DURABLE MANUFACTURING</b>					
	1958. . . . .	8 533 568	44 185 639	12 606 860	77 869 480	162 690 740
	1954. . . . .	8 788 325	37 934 230	13 952 781	66 174 577	142 503 580
	<b>TOTAL NONDURABLE MANUFACTURING</b>					
	1958. . . . .	6 860 198	29 564 090	10 025 711	63 399 817	164 022 680
	1954. . . . .	6 911 928	25 291 247	10 464 240	51 451 238	137 764 660
	<b>TOTAL MANUFACTURING BY MARKET CATEGORIES:</b>					
	<b>HOME GOODS AND APPAREL</b>					
	1958. . . . .	2 557 057	8 749 705	4 031 071	15 402 343	32 871 629
	1954. . . . .	2 680 414	8 121 110	4 311 793	13 526 558	29 268 447
	<b>CONSUMER STAPLES</b>					
	1958. . . . .	2 357 734	10 878 002	2 952 986	26 779 520	73 210 747
	1954. . . . .	2 297 391	8 991 027	3 028 181	20 730 542	60 614 874
	<b>EQUIPMENT &amp; DEFENSE ITEMS, EXCEPT AUTOMOTIVE</b>					
	1958. . . . .	2 339 182	13 161 962	3 121 536	21 571 098	40 799 249
	1954. . . . .	2 402 141	11 042 876	3 560 587	18 258 352	35 156 761
	<b>AUTOMOTIVE EQUIPMENT</b>					
	1958. . . . .	722 934	4 074 161	1 129 041	8 305 964	24 993 069
	1954. . . . .	830 756	4 014 746	1 408 605	7 340 338	24 526 205
	<b>CONSTRUCTION MATERIALS, SUPPLIES &amp; INTER-MEDIATE PRODUCTS</b>					
	1958. . . . .	1 685 494	7 576 373	2 616 390	14 215 323	29 410 166
	1954. . . . .	1 672 962	6 386 098	2 741 684	12 047 344	24 341 252
	<b>OTHER MATERIALS &amp; SUPPLIES &amp; INTERMEDIATE PRODUCTS</b>					
	1958. . . . .	5 731 365	29 309 526	8 781 545	54 995 049	125 428 614
	1954. . . . .	5 816 589	24 669 620	9 366 171	45 722 681	106 360 734
19	<b>TOTAL MANUFACTURING BY MAJOR INDUSTRY GROUP: ORDNANCE &amp; ACCESSORIES</b>					
	1958. . . . .	204 944	1 369 822	245 070	2 060 386	4 221 302
	1954. . . . .	260 247	1 187 294	385 586	1 865 067	4 501 658
20	<b>FOOD &amp; KINDRED PRODUCTS</b>					
	1958. . . . .	1 698 814	7 553 284	2 282 823	17 531 557	59 407 400
	1954. . . . .	1 670 186	6 295 441	2 358 644	14 009 316	50 317 210
21	<b>TOBACCO PRODUCTS</b>					
	1958. . . . .	84 467	294 650	146 992	1 413 460	3 867 513
	1954. . . . .	94 862	259 688	162 986	1 004 054	3 370 781
22	<b>TEXTILE MILL PRODUCTS</b>					
	1958. . . . .	901 677	2 938 140	1 568 004	4 857 638	12 386 804
	1954. . . . .	1 018 980	2 969 810	1 790 408	4 566 253	11 766 823
23	<b>APPAREL &amp; RELATED PRODUCTS</b>					
	1958. . . . .	1 180 517	3 585 646	1 836 564	6 003 853	13 580 364
	1954. . . . .	1 202 097	3 241 394	1 917 906	5 222 476	12 304 989

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
24	LUMBER & WOOD PRODUCTS					
	1958. . . . .	581 302	1 986 109	959 935	3 176 613	7 540 370
	1954. . . . .	648 047	1 943 089	1 110 373	3 263 753	7 380 963
25	FURNITURE & FIXTURES					
	1958. . . . .	347 599	1 388 669	565 142	2 349 488	4 664 728
	1954. . . . .	331 545	1 160 071	556 540	1 930 859	3 821 820
26	PAPER & ALLIED PRODUCTS					
	1958. . . . .	555 398	2 779 885	934 371	5 707 474	12 959 334
	1954. . . . .	531 083	2 221 767	919 079	4 639 654	10 207 151
27	PRINTING & PUBLISHING					
	1958. . . . .	864 101	4 479 679	995 923	7 922 962	12 538 768
	1954. . . . .	806 228	3 630 800	965 006	6 323 156	10 012 198
28	CHEMICALS & ALLIED PRODUCTS					
	1958. . . . .	699 166	3 947 155	908 824	12 270 371	23 164 256
	1954. . . . .	699 584	3 248 211	947 961	9 198 444	17 879 682
29	PETROLEUM & COAL PRODUCTS					
	1958. . . . .	179 166	1 116 673	255 360	2 518 424	15 623 067
	1954. . . . .	183 337	953 233	269 309	2 240 870	13 075 637
30	RUBBER & PLASTICS PRODUCTS, NEC					
	1958. . . . .	347 842	1 723 295	530 976	3 276 612	6 599 638
	1954. . . . .	340 792	1 418 081	533 343	2 568 260	5 288 883
31	LEATHER & LEATHER PRODUCTS					
	1958. . . . .	349 050	1 145 683	565 874	1 897 465	3 895 555
	1954. . . . .	364 779	1 052 822	599 598	1 678 755	3 541 311
32	STONE, CLAY, & GLASS PRODUCTS					
	1958. . . . .	554 042	2 594 971	883 823	5 528 952	9 720 212
	1954. . . . .	526 588	2 091 126	879 343	4 264 990	7 432 559
33	PRIMARY METAL INDUSTRIES					
	1958. . . . .	1 096 359	6 303 447	1 676 937	11 671 341	27 526 041
	1954. . . . .	1 174 255	5 350 987	1 908 940	9 962 157	24 111 909
34	FABRICATED METAL PRODUCTS					
	1958. . . . .	1 057 986	5 412 405	1 603 453	9 412 183	19 172 911
	1954. . . . .	1 041 834	4 528 284	1 684 642	7 862 343	15 419 124
35	MACHINERY, EXCEPT ELECTRICAL					
	1958. . . . .	1 348 245	7 303 661	1 852 822	12 391 190	22 764 502
	1954. . . . .	1 346 495	6 313 015	2 075 703	10 656 782	19 185 504
36	ELECTRICAL MACHINERY					
	1958. . . . .	1 122 284	5 605 985	1 589 497	10 395 369	19 188 076
	1954. . . . .	1 118 664	4 640 686	1 662 920	8 537 648	16 436 602
37	TRANSPORTATION EQUIPMENT					
	1958. . . . .	1 557 759	9 164 581	2 266 224	15 283 694	38 227 133
	1954. . . . .	1 691 382	8 219 254	2 698 838	13 481 168	36 547 179
38	INSTRUMENTS & RELATED PRODUCTS					
	1958. . . . .	296 558	1 578 481	398 744	2 906 390	4 666 383
	1954. . . . .	275 844	1 215 007	397 082	2 153 266	3 546 712
39	MISCELLANEOUS MANUFACTURING					
	1958. . . . .	366 490	1 477 508	565 213	2 693 874	4 999 116
	1954. . . . .	373 424	1 285 417	595 814	2 196 544	4 119 577



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2011	MEAT PACKING PLANTS					
	1958. . . . .	200 783	1 067 896	308 991	1 746 603	11 962 273
	1954. . . . .	220 194	942 970	354 779	1 397 175	10 265 319
2013	PREPARED MEATS					
	1958. . . . .	48 586	236 915	74 096	442 058	2 066 257
	1954. . . . .	42 119	174 982	65 555	312 404	1 442 505
2015	POULTRY DRESSING PLANTS					
	1958. . . . .	62 389	160 813	104 188	310 572	1 888 166
	1954. . . . .	49 019	114 145	83 898	236 238	1 441 083
201	MEAT PRODUCTS					
	1958. . . . .	311 758	1 465 624	487 275	2 499 233	15 916 696
	1954. . . . .	311 332	1 232 097	504 232	1 945 817	13 148 907
2021	CREAMERY BUTTER					
	1958. . . . .	17 295	62 875	25 561	147 207	1 023 460
	1954. . . . .	21 019	65 601	32 756	142 399	1 013 797
2022	NATURAL CHEESE					
	1958. . . . .	13 461	49 389	22 710	109 098	684 248
	1954. . . . .	12 468	37 960	23 004	82 274	520 242
2023	CONDENSED AND EVAPORATED MILK					
	1958. . . . .	13 445	61 443	23 237	202 709	820 649
	1954. . . . .	15 044	56 639	27 056	171 432	776 855
2024	ICE CREAM AND FROZEN DESSERTS					
	1958. . . . .	34 562	153 042	37 511	393 037	946 504
	1954. . . . .	36 038	132 515	41 899	330 303	763 946
2025	SPECIAL DAIRY PRODUCTS					
	1958. . . . .	3 571	13 600	5 775	23 923	189 366
	1954. . . . .	6 301	19 584	8 152	36 938	238 000
2026	FLUID MILK					
	1958. . . . .	211 468	1 005 677	182 316	1 990 805	6 412 333
	1954. . . . .	194 735	777 890	201 748	1 537 359	5 012 424
202	DAIRY PRODUCTS					
	1958. . . . .	293 802	1 346 026	297 110	2 866 779	10 076 560
	1954. . . . .	285 605	1 090 189	334 615	2 300 705	8 325 264
2031	CANNED AND CURED SEAFOODS					
	1958. . . . .	14 713	46 129	21 077	100 242	325 088
	1954. . . . .	18 583	48 480	26 601	116 662	344 198
2032	CANNED SPECIALTIES					
	1958. . . . .	24 186	109 479	41 562	340 847	846 881
	1954. . . . .	32 759	97 060	56 289	233 121	632 067
2033	CANNED FRUITS AND VEGETABLES					
	1958. . . . .	100 084	319 694	168 480	808 306	2 227 041
	1954. . . . .	78 314	232 233	134 376	553 379	1 674 938
2034	DEHYDRATED FRUITS & VEGETABLES					
	1958. . . . .	7 599	28 338	12 781	75 529	273 286
	1954. . . . .	7 011	22 026	11 678	56 039	194 524
2035	PICKLES AND SAUCES					
	1958. . . . .	19 500	70 494	29 792	164 624	525 309
	1954. . . . .	19 096	58 508	31 378	124 768	438 772
2036	FRESH OR FROZEN PACKAGED FISH					
	1958. . . . .	17 469	40 918	25 958	82 368	307 399
	1954. . . . .	12 200	27 190	18 779	48 729	176 766
2037	FROZEN FRUITS AND VEGETABLES					
	1958. . . . .	39 528	126 804	66 274	323 789	1 025 897
	1954. . . . .	21 567	63 619	34 986	192 218	590 732
203	CANNED AND FROZEN FOODS					
	1958. . . . .	223 079	741 856	365 924	1 895 705	5 530 901
	1954. . . . .	189 530	549 116	314 087	1 324 916	4 051 997
2041	FLOUR AND MEAL					
	1958. . . . .	28 215	140 121	44 111	393 053	2 086 706
	1954. . . . .	28 969	119 844	47 919	330 634	2 002 227
2042	PREPARED ANIMAL FEEDS					
	1958. . . . .	57 313	252 346	81 406	798 892	3 238 414
	1954. . . . .	59 890	225 199	91 220	629 963	2 981 435

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2043	CEREAL PREPARATIONS					
	1958. . . . .	10 927	61 902	16 803	243 088	444 132
	1954. . . . .	11 534	51 002	18 211	177 171	365 728
2044	RICE MILLING					
	1958. . . . .	3 843	14 286	5 982	53 152	312 061
	1954. . . . .	3 964	13 367	7 145	44 304	273 770
2045	BLENDED AND PREPARED FLOUR					
	1958. . . . .	4 894	28 353	7 467	118 073	279 364
	1954. . . . .	5 585	25 446	8 834	106 132	267 175
2046	WET CORN MILLING					
	1958. . . . .	13 792	78 767	22 241	249 435	528 530
	1954. . . . .	13 565	60 030	21 008	178 722	463 548
204	GRAIN MILL PRODUCTS					
	1958. . . . .	118 984	575 775	178 010	1 855 693	6 889 207
	1954. . . . .	123 507	494 888	194 337	1 466 926	6 353 883
2051	BREAD AND RELATED PRODUCTS					
	1958. . . . .	256 963	1 154 240	290 460	2 110 820	4 098 612
	1954. . . . .	246 337	973 546	293 871	1 636 810	3 345 200
2052	BISCUIT AND CRACKERS					
	1958. . . . .	44 333	179 390	68 331	522 490	980 780
	1954. . . . .	45 797	154 494	70 000	432 196	856 237
205	BAKERY PRODUCTS					
	1958. . . . .	301 296	1 333 630	358 791	2 633 310	5 079 392
	1954. . . . .	292 134	1 128 040	363 871	2 069 006	4 201 437
2061	RAW CANE SUGAR					
	1958. . . . .	3 011	9 388	5 844	21 841	72 553
	1954. . . . .	3 078	8 949	7 231	17 640	64 715
2062	CANE SUGAR REFINING					
	1958. . . . .	15 213	83 962	25 321	184 824	997 288
	1954. . . . .	16 068	66 431	26 061	133 380	866 835
2063	BEET SUGAR					
	1958. . . . .	10 324	49 217	20 947	130 393	392 212
	1954. . . . .	11 019	42 453	19 911	113 741	300 951
206	SUGAR					
	1958. . . . .	28 548	142 567	52 112	337 058	1 462 053
	1954. . . . .	30 165	117 833	53 203	264 761	1 232 501
2071	CONFECTIONERY PRODUCTS					
	1958. . . . .	66 395	236 685	104 716	511 688	1 227 955
	1954. . . . .	67 038	202 542	108 297	434 675	1 046 426
2072	CHOCOLATE AND COCOA PRODUCTS					
	1958. . . . .	8 271	38 427	13 193	135 098	447 156
	1954. . . . .	8 465	33 133	13 503	85 741	433 632
2073	CHEWING GUM					
	1958. . . . .	5 344	23 918	7 268	102 280	175 941
	1954. . . . .	5 161	20 149	7 806	92 227	159 036
207	CANDY AND RELATED PRODUCTS					
	1958. . . . .	80 010	299 030	125 177	749 066	1 851 052
	1954. . . . .	80 664	255 824	129 606	612 643	1 639 094
2082	MALT LIQUORS					
	1958. . . . .	71 494	442 321	91 500	1 114 590	1 982 664
	1954. . . . .	81 346	420 546	105 923	1 106 303	1 870 769
2083	MALT					
	1958. . . . .	2 404	16 338	3 556	55 087	195 327
	1954. . . . .	2 603	14 627	4 096	50 312	203 614
2084	WINES AND BRANDY					
	1958. . . . .	5 941	29 029	8 638	114 242	263 932
	1954. . . . .	5 724	23 258	8 393	100 394	179 999
2085	DISTILLED LIQUOR EXCEPT BRANDY					
	1958. . . . .	20 528	102 619	32 207	444 831	927 992
	1954. . . . .	21 505	89 367	32 892	338 403	754 643
2086	BOTTLED AND CANNED SOFT DRINKS					
	1958. . . . .	96 347	401 713	79 328	844 688	1 512 612
	1954. . . . .	91 970	320 908	81 224	653 664	1 196 266



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2087	FLAVORINGS					
	1958. . . . .	9 483	49 346	10 477	262 223	512 607
	1954. . . . .	10 601	45 094	12 411	221 925	459 782
208	BEVERAGES					
	1958. . . . .	206 197	1 041 366	225 706	2 835 661	5 395 134
	1954. . . . .	213 749	913 800	244 939	2 471 001	4 665 073
2091	COTTONSEED OIL MILLS					
	1958. . . . .	8 355	31 223	14 899	63 587	420 649
	1954. . . . .	13 665	43 103	27 080	111 734	592 298
2092	SOYBEAN OIL MILLS					
	1958. . . . .	8 095	41 909	12 828	139 612	1 080 798
	1954. . . . .	6 415	27 297	10 773	99 371	813 191
2093	VEGETABLE OIL MILLS, NEC					
	1958. . . . .	2 252	12 525	3 861	42 066	314 695
	1954. . . . .	4 966	19 772	8 697	48 893	450 992
2094	GREASE AND TALLOW					
	1958. . . . .	12 384	60 095	19 851	127 120	328 920
	1954. . . . .	11 605	47 196	19 803	97 790	239 649
2095	ANIMAL OILS, NEC					
	1958. . . . .	2 191	7 774	3 777	24 475	60 378
	1954. . . . .	2 341	8 602	4 474	22 259	68 756
2096	SHORTENING AND COOKING OILS					
	1958. . . . .	12 489	70 993	18 414	221 519	1 239 129
	1954. . . . .	12 270	53 943	18 056	232 383	1 177 108
2097	MANUFACTURED ICE					
	1958. . . . .	14 557	52 498	18 911	107 527	149 552
	1954. . . . .	20 854	61 811	27 975	123 833	170 674
2098	MACARONI AND SPAGHETTI					
	1958. . . . .	6 825	27 910	9 597	67 130	180 190
	1954. . . . .	7 058	24 278	10 216	52 568	154 830
2099	FOOD PREPARATIONS, NEC					
	1958. . . . .	67 992	302 483	90 580	1 066 017	3 432 094
	1954. . . . .	64 326	227 652	92 680	764 710	3 031 556
209	OTHER FOOD PREPARATIONS					
	1958. . . . .	135 140	607 410	192 718	1 859 053	7 206 405
	1954. . . . .	143 500	513 654	219 754	1 553 541	6 699 054
20	FOOD AND KINDRED PRODUCTS					
	1958. . . . .	1 698 814	7 553 284	2 232 823	17 531 557	59 407 400
	1954. . . . .	1 670 186	6 295 441	2 358 644	14 009 316	50 317 210
2111	CIGARETTES					
	1958. . . . .	33 832	142 413	60 567	1 058 554	2 159 985
	1954. . . . .	29 987	103 779	53 643	676 593	1 642 190
211	CIGARETTES					
	1958. . . . .	33 832	142 413	60 567	1 058 554	2 159 985
	1954. . . . .	29 987	103 779	53 643	676 593	1 642 190
2121	CIGARS					
	1958. . . . .	29 350	81 882	49 894	183 140	355 048
	1954. . . . .	38 494	89 259	65 720	168 366	342 285
212	CIGARS					
	1958. . . . .	29 350	81 882	49 894	183 140	355 048
	1954. . . . .	38 494	89 259	65 720	168 366	342 285
2131	CHEWING AND SMOKING TOBACCO					
	1958. . . . .	6 348	23 693	9 967	86 188	175 770
	1954. . . . .	7 535	23 372	11 729	79 619	164 277
213	CHEWING AND SMOKING TOBACCO					
	1958. . . . .	6 348	23 693	9 967	86 188	175 770
	1954. . . . .	7 535	23 372	11 729	79 619	164 277
2141	TOBACCO STEMMING AND REDRYING					
	1958. . . . .	14 937	46 662	26 564	85 578	1 176 710
	1954. . . . .	18 846	43 278	31 894	79 476	1 222 029
214	TOBACCO STEMMING AND REDRYING					
	1958. . . . .	14 937	46 662	26 564	85 578	1 176 710
	1954. . . . .	18 846	43 278	31 894	79 476	1 222 029

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
21	TOBACCO PRODUCTS					
	1958. . . . .	84 467	294 650	146 992	1 413 460	3 867 513
	1954. . . . .	94 862	259 688	162 986	1 004 054	3 370 781
2211	WEAVING MILLS, COTTON					
	1958. . . . .	243 419	724 481	443 255	1 078 592	2 748 584
	1954. . . . .	296 193	783 011	537 531	1 135 365	2 838 312
221	WEAVING MILLS, COTTON					
	1958. . . . .	243 419	724 481	443 255	1 078 592	2 748 584
	1954. . . . .	296 193	783 011	537 531	1 135 365	2 838 312
2221	WEAVING MILLS, SYNTHETICS					
	1958. . . . .	81 688	276 655	150 649	468 583	1 225 509
	1954. . . . .	89 994	272 872	166 984	408 564	1 153 939
222	WEAVING MILLS, SYNTHETICS					
	1958. . . . .	81 688	276 655	150 649	468 583	1 225 509
	1954. . . . .	89 994	272 872	166 984	408 564	1 153 939
2231	WEAVING, FINISHING MILLS, WOOL					
	1958. . . . .	55 952	206 094	98 662	336 618	929 040
	1954. . . . .	69 122	238 143	123 071	342 477	1 022 966
223	WEAVING, FINISHING MILLS, WOOL					
	1958. . . . .	55 952	206 094	98 662	336 618	929 040
	1954. . . . .	69 122	238 143	123 071	342 477	1 022 966
2241	NARROW FABRIC MILLS					
	1958. . . . .	24 587	85 923	42 592	142 638	301 482
	1954. . . . .	25 676	79 063	44 962	124 013	263 391
224	NARROW FABRIC MILLS					
	1958. . . . .	24 587	85 923	42 592	142 638	301 482
	1954. . . . .	25 676	79 063	44 962	124 013	263 391
2251	FULL-FASHIONED HOSIERY MILLS					
	1958. . . . .	33 687	103 998	56 143	172 996	349 421
	1954. . . . .	60 150	178 454	101 925	270 779	540 775
2252	SEAMLESS HOSIERY MILLS					
	1958. . . . .	69 483	177 104	112 878	290 825	597 437
	1954. . . . .	63 350	135 481	105 905	203 156	439 873
2253	KNIT OUTERWEAR MILLS					
	1958. . . . .	60 672	203 998	97 557	339 914	813 577
	1954. . . . .	46 403	139 182	75 955	236 495	578 590
2254	KNIT UNDERWEAR MILLS					
	1958. . . . .	27 918	81 183	45 369	135 703	291 852
	1954. . . . .	31 262	77 501	51 204	104 739	261 535
2256	KNIT FABRIC MILLS					
	1958. . . . .	18 356	73 871	32 301	147 394	487 185
	1954. . . . .	16 812	57 878	30 560	111 621	379 936
2259	KNITTING MILLS, NEC					
	1958. . . . .	3 230	9 619	4 873	14 543	30 092
	1954. . . . .	3 384	8 821	5 476	13 026	28 554
225	KNITTING MILLS					
	1958. . . . .	213 346	649 773	349 121	1 101 375	2 569 564
	1954. . . . .	221 361	597 317	371 025	939 816	2 229 263
2261	FINISHING PLANTS, COTTON					
	1958. . . . .	49 212	189 866	86 510	289 115	686 237
	1954. . . . .	50 592	179 139	90 463	276 589	614 200
2262	FINISHING PLANTS, SYNTHETICS					
	1958. . . . .	16 185	74 297	29 296	114 825	210 568
	1954. . . . .	19 277	81 216	35 493	127 270	218 351
2269	FINISHING PLANTS, NEC					
	1958. . . . .	7 808	28 814	13 729	52 005	158 033
	1954. . . . .	9 439	31 970	16 882	58 506	166 332
226	TEXTILE FINISHING, EXCEPT WOOL					
	1958. . . . .	73 205	292 977	129 535	455 945	1 054 838
	1954. . . . .	79 308	292 325	142 838	462 365	998 883
2271	WOVEN CARPETS AND RUGS					
	1958. . . . .	18 151	74 395	30 267	128 444	335 536
	1954. . . . .	23 747	81 000	39 267	142 375	374 465



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2272	TUFTED CARPETS AND RUGS					
	1958. . . . .	11 528	36 313	19 532	108 846	317 639
	1954. . . . .	10 228	34 887	16 913	61 323	161 286
2279	CARPETS AND RUGS, NEC					
	1958. . . . .	3 989	12 561	6 835	23 176	54 533
	1954. . . . .	3 059	10 433	5 058	18 339	48 233
227	FLOOR COVERING MILLS					
	1958. . . . .	33 668	123 269	56 634	260 466	707 708
	1954. . . . .	37 034	126 320	61 238	222 037	583 984
2281	YARN MILLS, EXCEPT WOOL					
	1958. . . . .	67 836	179 782	117 472	292 219	855 363
	1954. . . . .	75 391	179 916	128 476	245 949	733 374
2282	THROWING AND WINDING MILLS					
	1958. . . . .	11 862	37 580	20 265	67 648	174 646
	1954. . . . .	14 144	39 091	25 205	67 457	128 440
2283	WOOL YARN MILLS					
	1958. . . . .	15 977	54 202	29 057	91 212	273 584
	1954. . . . .	17 543	54 301	30 105	79 942	256 506
2284	THREAD MILLS					
	1958. . . . .	11 213	35 479	18 482	62 965	168 570
	1954. . . . .	13 908	38 281	22 807	62 406	185 553
228	YARN AND THREAD MILLS					
	1958. . . . .	106 888	307 043	185 276	514 044	1 472 163
	1954. . . . .	120 986	311 589	206 593	455 754	1 303 873
2291	FELT GOODS, NEC					
	1958. . . . .	4 573	21 268	7 704	44 443	95 435
	1954. . . . .	5 987	23 376	10 767	42 610	101 703
2292	LACE GOODS					
	1958. . . . .	6 689	25 764	10 406	34 247	63 282
	1954. . . . .	7 442	26 117	12 521	37 571	61 767
2293	PADDING AND UPHOLSTERY FILLING					
	1958. . . . .	7 139	29 510	11 626	57 303	139 565
	1954. . . . .	9 111	33 031	16 031	62 615	155 737
2294	PROCESSED TEXTILE WASTE					
	1958. . . . .	4 607	17 038	7 684	31 100	93 459
	1954. . . . .	5 768	17 570	10 142	32 185	98 159
2295	COATED FABRIC, NOT RUBBERIZED					
	1958. . . . .	10 182	53 980	15 405	100 420	246 616
	1954. . . . .	8 547	41 699	14 711	79 868	213 627
2296	TIRE CORD AND FABRIC					
	1958. . . . .	12 214	36 063	20 960	69 844	375 790
	1954. . . . .	15 822	42 066	26 720	68 520	375 553
2297	SCOURING AND COMBING PLANTS					
	1958. . . . .	6 075	22 663	11 196	36 073	87 567
	1954. . . . .	7 013	24 300	12 616	33 523	100 663
2298	CORDAGE AND TWINE					
	1958. . . . .	9 583	33 134	15 550	65 106	141 579
	1954. . . . .	12 327	37 374	20 568	73 511	162 702
2299	TEXTILE GOODS, NEC					
	1958. . . . .	7 862	32 505	11 749	60 841	134 623
	1954. . . . .	7 289	23 637	12 090	45 459	102 301
229	MISCELLANEOUS TEXTILE GOODS					
	1958. . . . .	68 924	271 925	112 280	499 377	1 377 916
	1954. . . . .	79 306	269 170	136 166	475 862	1 372 212
22	TEXTILE MILL PRODUCTS					
	1958. . . . .	901 677	2 938 140	1 568 004	4 857 638	12 386 804
	1954. . . . .	1 018 980	2 969 810	1 790 408	4 566 253	11 766 823
2311	MEN'S AND BOYS' SUITS AND COATS					
	1958. . . . .	122 205	407 986	184 782	642 510	1 295 362
	1954. . . . .	119 001	374 795	187 579	527 234	1 172 979
231	MEN'S AND BOYS' SUITS AND COATS					
	1958. . . . .	122 205	407 986	184 782	642 510	1 295 362
	1954. . . . .	119 001	374 795	187 579	527 234	1 172 979

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2321	MEN'S DRESS SHIRTS & NIGHTWEAR					
	1958. . . . .	103 596	254 139	169 035	421 876	967 223
	1954. . . . .	108 304	236 726	181 083	370 129	923 577
2322	MEN'S AND BOYS' UNDERWEAR					
	1958. . . . .	12 326	30 285	19 338	51 621	121 646
	1954. . . . .	9 385	18 923	15 325	31 453	86 282
2323	MEN'S AND BOYS' NECKWEAR					
	1958. . . . .	7 734	26 835	10 786	48 938	102 405
	1954. . . . .	9 531	27 939	13 859	49 603	108 105
2327	SEPARATE TROUSERS					
	1958. . . . .	51 632	134 027	85 290	209 050	452 414
	1954. . . . .	51 652	118 688	86 421	180 384	402 055
2328	WORK CLOTHING					
	1958. . . . .	64 780	154 834	104 481	255 481	689 819
	1954. . . . .	66 510	133 888	106 914	217 031	600 827
2329	MEN'S AND BOYS' CLOTHING, NEC.					
	1958. . . . .	32 392	93 119	52 439	149 951	365 963
	1954. . . . .	31 241	78 310	50 957	120 091	271 888
232	MEN'S AND BOYS' FURNISHINGS					
	1958. . . . .	272 460	693 239	441 369	1 136 917	2 699 470
	1954. . . . .	276 623	614 474	454 559	968 691	2 392 734
2331	BLOUSES					
	1958. . . . .	47 484	125 581	72 572	200 164	454 103
	1954. . . . .	44 526	103 922	70 470	172 484	393 424
2335	DRESSES					
	1958. . . . .	184 717	587 976	279 895	970 963	2 043 422
	1954. . . . .	188 816	524 911	294 582	835 688	1 838 221
2337	WOMEN'S SUITS, COATS & SKIRTS					
	1958. . . . .	84 145	309 671	123 278	514 901	1 233 227
	1954. . . . .	96 022	326 933	147 479	531 574	1 272 030
2339	WOMEN'S OUTERWEAR, NEC					
	1958. . . . .	43 663	130 779	68 297	227 598	506 298
	1954. . . . .	34 618	90 588	56 983	156 471	360 116
233	WOMEN'S & MISSES' OUTERWEAR					
	1958. . . . .	360 009	1 154 007	544 042	1 913 626	4 237 050
	1954. . . . .	363 982	1 046 354	569 514	1 696 217	3 863 791
2341	WOMEN'S & CHILDREN'S UNDERWEAR					
	1958. . . . .	73 527	199 652	116 788	347 705	814 721
	1954. . . . .	73 427	176 305	118 720	295 169	778 061
2342	CORSETS AND ALLIED GARMENTS					
	1958. . . . .	37 808	121 939	56 139	248 543	467 485
	1954. . . . .	38 585	107 888	59 988	213 383	394 921
234	WOMEN'S UNDERGARMENTS					
	1958. . . . .	111 335	321 591	172 927	596 248	1 282 206
	1954. . . . .	112 012	284 193	178 708	508 552	1 172 982
2351	MILLINERY					
	1958. . . . .	17 838	64 095	28 088	109 133	190 263
	1954. . . . .	20 235	65 809	33 577	101 618	175 599
2352	HATS AND CAPS					
	1958. . . . .	17 701	59 334	27 803	91 298	170 692
	1954. . . . .	20 303	59 928	33 171	89 743	173 127
235	MILLINERY, HATS AND CAPS					
	1958. . . . .	35 539	123 429	55 891	200 431	360 955
	1954. . . . .	40 538	125 737	66 748	191 361	348 726
2361	CHILDREN'S DRESSES					
	1958. . . . .	36 123	100 818	57 111	167 094	355 372
	1954. . . . .	33 823	81 343	54 573	132 891	304 967
2363	CHILDREN'S COATS					
	1958. . . . .	12 798	42 435	19 488	68 205	163 821
	1954. . . . .	14 399	44 980	22 692	72 003	173 756
2369	CHILDREN'S OUTERWEAR, NEC					
	1958. . . . .	31 888	87 931	50 548	146 050	324 052
	1954. . . . .	29 315	69 980	47 737	115 586	274 294



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
236	CHILDREN'S OUTERWEAR					
	1958. . . . .	80 809	231 184	127 147	381 349	843 245
	1954. . . . .	77 537	196 303	125 002	320 480	753 017
2371	FUR GOODS					
	1958. . . . .	9 355	50 454	13 648	95 411	281 335
	1954. . . . .	9 983	42 833	13 935	75 843	238 347
237	FUR GOODS					
	1958. . . . .	9 355	50 454	13 648	95 411	281 335
	1954. . . . .	9 983	42 833	13 935	75 843	238 347
2381	FABRIC DRESS AND WORK GLOVES					
	1958. . . . .	13 941	32 870	21 871	53 930	118 749
	1954. . . . .	14 621	29 709	23 667	47 445	109 718
2384	ROBES AND DRESSING GOWNS					
	1958. . . . .	10 625	30 461	15 975	56 442	132 671
	1954. . . . .	10 957	27 039	16 891	43 229	109 292
2385	WATERPROOF OUTERGARMENTS					
	1958. . . . .	13 159	43 114	20 202	73 070	146 175
	1954. . . . .	12 872	34 702	20 167	58 941	121 165
2386	LEATHER AND SHEEPLINED CLOTHING					
	1958. . . . .	4 626	16 166	7 488	27 847	65 734
	1954. . . . .	5 361	15 730	8 106	23 570	56 910
2387	APPAREL BELTS					
	1958. . . . .	10 150	31 801	15 441	53 726	99 053
	1954. . . . .	12 571	35 403	19 639	60 131	112 368
2389	APPAREL, NEC					
	1958. . . . .	7 525	23 087	11 012	41 262	94 904
	1954. . . . .	8 122	21 281	12 519	36 496	85 531
238	MISCELLANEOUS APPAREL					
	1958. . . . .	60 026	177 499	91 989	306 277	657 286
	1954. . . . .	64 504	163 864	100 989	269 812	594 984
2391	CURTAINS AND DRAPERIES					
	1958. . . . .	16 366	48 403	26 814	87 273	217 029
	1954. . . . .	14 023	36 991	23 033	63 976	180 630
2392	HOUSEFURNISHINGS, NEC					
	1958. . . . .	36 769	113 402	59 297	218 295	616 224
	1954. . . . .	36 188	97 105	59 271	178 536	526 257
2393	TEXTILE BAGS					
	1958. . . . .	9 114	30 047	14 673	51 638	204 379
	1954. . . . .	12 109	35 120	18 748	55 114	254 260
2394	CANVAS PRODUCTS					
	1958. . . . .	9 875	35 175	14 692	53 696	131 336
	1954. . . . .	13 540	40 180	20 498	65 146	147 683
2397	SCHIFFLI MACHINE EMBROIDERIES					
	1958. . . . .	5 739	24 451	10 772	44 311	75 484
	1954. . . . .	5 715	19 739	9 969	34 870	67 858
2398	TRIMMINGS AND STICHING					
	1958. . . . .	32 986	116 993	50 854	177 784	431 890
	1954. . . . .	39 637	113 860	62 709	181 990	395 583
2399	TEXTILE PRODUCTS, NEC					
	1958. . . . .	17 930	57 786	27 667	98 087	247 113
	1954. . . . .	16 705	49 846	26 644	84 654	195 158
239	FABRICATED TEXTILES, NEC					
	1958. . . . .	128 779	426 257	204 769	731 084	1 923 455
	1954. . . . .	137 917	392 841	220 872	664 286	1 767 429
23	APPAREL AND RELATED PRODUCTS					
	1958. . . . .	1 180 517	3 585 646	1 836 564	6 003 853	13 580 364
	1954. . . . .	1 202 097	3 241 394	1 917 906	5 222 476	12 304 989
2411	LOGGING CAMPS AND CONTRACTORS					
	1958. . . . .	71 505	226 742	108 463	387 418	865 340
	1954. . . . .	75 510	210 625	115 575	392 766	774 309
241	LOGGING CAMPS AND CONTRACTORS					
	1958. . . . .	71 505	226 742	108 463	387 418	865 340
	1954. . . . .	75 510	210 625	115 575	392 766	774 309

**Appendix B. Industry Statistics Used for Weighting--Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2421	SAWMILLS AND PLANING MILLS 1958. . . . . 1954. . . . .	245 687 296 849	770 296 838 099	406 984 516 094	1 194 650 1 402 689	2 914 315 3 219 378
2426	HARDWOOD DIMENSION AND FLOORING 1958. . . . . 1954. . . . .	25 140 26 597	75 177 74 948	45 346 46 233	110 354 125 054	260 645 281 800
2429	SPECIAL PRODUCT SAWMILLS, NEC 1958. . . . . 1954. . . . .	7 176 7 695	22 097 22 075	10 678 11 906	36 123 35 362	89 381 78 881
242	SAWMILLS AND PLANING MILLS 1958. . . . . 1954. . . . .	278 003 331 141	867 570 935 122	463 008 574 233	1 341 127 1 563 105	3 264 341 3 580 059
2431	MILLWORK PLANTS 1958. . . . . 1954. . . . .	61 962 68 600	267 997 258 009	98 542 113 367	412 548 409 409	1 049 571 1 012 101
2432	VENEER AND PLYWOOD PLANTS 1958. . . . . 1954. . . . .	59 346 50 647	240 821 182 285	108 437 94 792	390 131 294 944	884 111 635 479
2433	PREFABRICATED WOOD PRODUCTS 1958. . . . . 1954. . . . .	13 550 11 547	61 984 45 905	19 303 17 615	122 344 90 529	322 279 245 457
243	MILLWORK AND RELATED PRODUCTS 1958. . . . . 1954. . . . .	134 858 130 794	570 802 486 199	226 282 225 774	925 023 794 882	2 255 961 1 893 037
2441	NAILED WOODEN BOXES AND SHOOK 1958. . . . . 1954. . . . .	20 916 30 100	68 517 79 967	35 625 53 523	102 248 128 075	235 709 289 470
2442	WIREBOUND BOXES AND CRATES 1958. . . . . 1954. . . . .	9 366 10 270	26 113 27 478	16 342 18 221	43 109 43 914	93 388 99 583
2443	VENEER AND PLYWOOD CONTAINERS 1958. . . . . 1954. . . . .	5 416 6 857	12 850 14 329	9 245 12 802	18 323 18 330	30 271 34 456
2445	COOPERAGE 1958. . . . . 1954. . . . .	3 871 3 723	14 268 12 350	6 531 6 497	19 843 16 884	70 070 61 189
244	WOODEN CONTAINERS 1958. . . . . 1954. . . . .	39 569 50 950	121 748 134 124	67 743 91 043	183 523 207 203	429 438 484 698
2491	WOOD PRESERVING 1958. . . . . 1954. . . . .	10 933 12 073	36 625 36 162	17 877 20 671	72 508 68 531	202 957 193 210
2499	WOOD PRODUCTS, NEC 1958. . . . . 1954. . . . .	46 434 47 579	162 622 140 857	76 562 83 077	267 014 237 266	522 333 455 650
249	MISCELLANEOUS WOOD PRODUCTS 1958. . . . . 1954. . . . .	57 367 59 652	199 247 177 019	94 439 103 748	339 522 305 797	725 290 648 860
24	LUMBER AND WOOD PRODUCTS 1958. . . . . 1954. . . . .	581 302 648 047	1 986 109 1 943 089	959 935 1 110 373	3 176 613 3 263 753	7 540 370 7 380 963
2511	WOOD FURNITURE NOT UPHOLSTERED 1958. . . . . 1954. . . . .	125 320 124 898	442 181 388 409	217 617 222 063	704 660 602 091	1 378 630 1 170 568
2512	WOOD FURNITURE, UPHOLSTERED 1958. . . . . 1954. . . . .	61 485 50 714	233 646 175 253	99 572 84 438	391 243 285 006	783 100 579 932
2514	METAL HOUSEHOLD FURNITURE 1958. . . . . 1954. . . . .	30 704 29 629	125 627 110 933	48 598 47 083	218 746 192 978	501 147 412 482
2515	MATTRESSES AND BEDSPRINGS 1958. . . . . 1954. . . . .	31 703 37 405	132 258 139 862	47 874 58 164	248 801 247 991	572 150 539 007



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2519	HOUSEHOLD FURNITURE, NEC					
	1958. . . . .	2 205	8 383	3 424	16 176	30 643
	1954. . . . .	1 285	4 437	2 074	7 895	15 812
251	HOUSEHOLD FURNITURE					
	1958. . . . .	251 417	942 095	417 085	1 579 626	3 265 670
	1954. . . . .	243 931	818 894	413 822	1 335 961	2 717 801
2521	WOOD OFFICE FURNITURE					
	1958. . . . .	5 821	23 516	10 007	38 427	68 392
	1954. . . . .	5 509	18 788	9 681	29 059	54 358
2522	METAL OFFICE FURNITURE					
	1958. . . . .	17 469	85 996	26 911	173 673	286 004
	1954. . . . .	16 143	66 038	26 765	128 139	211 546
252	OFFICE FURNITURE					
	1958. . . . .	23 290	109 512	36 918	212 100	354 396
	1954. . . . .	21 652	84 826	36 446	157 198	265 904
2531	PUBLIC BUILDING FURNITURE					
	1958. . . . .	15 952	69 342	25 759	112 881	208 406
	1954. . . . .	14 044	52 638	24 120	90 168	163 772
253	PUBLIC BUILDING FURNITURE					
	1958. . . . .	15 952	69 342	25 759	112 881	208 406
	1954. . . . .	14 044	52 638	24 120	90 168	163 772
2541	WOOD PARTITIONS AND FIXTURES					
	1958. . . . .	16 202	80 111	24 608	129 307	259 278
	1954. . . . .	15 630	67 221	25 047	111 433	196 499
2542	METAL PARTITIONS AND FIXTURES					
	1958. . . . .	21 545	106 525	32 723	171 943	279 594
	1954. . . . .	17 072	73 422	27 357	121 712	214 621
254	PARTITIONS AND FIXTURES					
	1958. . . . .	37 747	186 636	57 331	301 250	538 872
	1954. . . . .	32 702	140 643	52 404	233 145	411 120
2591	VENETIAN BLINDS AND SHADES					
	1958. . . . .	11 203	43 634	15 352	83 442	187 024
	1954. . . . .	13 784	42 834	20 758	80 918	196 479
2599	FURNITURE AND FIXTURES, NEC					
	1958. . . . .	7 990	37 450	12 697	60 189	110 360
	1954. . . . .	5 432	20 236	8 990	33 469	66 744
259	FURNITURE AND FIXTURES, NEC					
	1958. . . . .	19 193	81 084	28 049	143 631	297 384
	1954. . . . .	19 216	63 070	29 748	114 387	263 223
25	FURNITURE AND FIXTURES					
	1958. . . . .	347 599	1 388 669	565 142	2 349 488	4 664 728
	1954. . . . .	331 545	1 160 071	556 540	1 930 859	3 821 820
2611	PULP MILLS					
	1958. . . . .	14 171	74 797	22 648	196 026	427 997
	1954. . . . .	13 727	58 791	22 666	168 292	354 599
261	PULP MILLS					
	1958. . . . .	14 171	74 797	22 648	196 026	427 997
	1954. . . . .	13 727	58 791	22 666	168 292	354 599
2621	PAPER MILLS, EXCEPT BUILDING					
	1958. . . . .	131 334	740 988	238 433	1 541 818	3 259 415
	1954. . . . .	127 219	582 426	238 623	1 252 165	2 554 568
262	PAPER MILLS, EXCEPT BUILDING					
	1958. . . . .	131 334	740 988	238 433	1 541 818	3 259 415
	1954. . . . .	127 219	582 426	238 623	1 252 165	2 554 568
2631	PAPERBOARD MILLS					
	1958. . . . .	57 086	321 765	102 760	840 057	1 690 918
	1954. . . . .	55 298	252 911	102 842	699 945	1 359 653
263	PAPERBOARD MILLS					
	1958. . . . .	57 086	321 765	102 760	840 057	1 690 918
	1954. . . . .	55 298	252 911	102 842	699 945	1 359 653
2641	PAPER COATING AND GLAZING					
	1958. . . . .	27 794	143 476	43 399	319 588	805 185
	1954. . . . .	30 520	135 260	46 723	308 461	695 229

**Appendix B. Industry Statistics Used for Weighting --Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2642	ENVELOPES					
	1958. . . . .	17 757	84 566	29 445	138 318	271 631
	1954. . . . .	15 902	63 044	26 517	102 799	205 258
2643	BAGS, EXCEPT TEXTILE BAGS					
	1958. . . . .	39 042	169 888	63 197	308 874	908 521
	1954. . . . .	33 142	120 449	55 917	214 899	633 726
2644	WALLPAPER					
	1958. . . . .	2 806	13 417	4 374	21 463	40 840
	1954. . . . .	3 636	14 330	6 038	19 401	39 912
2645	DIE CUT PAPER AND BOARD					
	1958. . . . .	12 209	58 512	18 538	111 164	251 364
	1954. . . . .	12 746	49 841	20 457	103 668	224 905
2646	PRESSED AND MOLDED PULP GOODS					
	1958. . . . .	4 472	21 254	7 781	49 819	78 780
	1954. . . . .	2 882	11 630	5 018	26 012	42 381
2649	PAPER AND BOARD PRODUCTS, NEC					
	1958. . . . .	46 892	213 489	71 999	463 668	1 245 092
	1954. . . . .	42 098	166 919	68 031	343 708	832 427
264	PAPER AND PAPERBOARD PRODUCTS					
	1958. . . . .	150 972	704 602	238 733	1 412 894	3 601 413
	1954. . . . .	140 926	561 473	228 701	1 118 948	2 673 838
2651	FOLDING PAPERBOARD BOXES					
	1958. . . . .	46 389	221 989	77 463	391 031	887 209
	1954. . . . .	40 883	168 554	69 548	281 271	648 273
2652	SET-UP PAPERBOARD BOXES					
	1958. . . . .	23 532	80 924	38 304	124 892	219 240
	1954. . . . .	28 469	84 768	47 738	130 006	219 109
2653	CORRUGATED SHIPPING CONTAINERS					
	1958. . . . .	70 792	345 117	110 517	596 934	1 635 650
	1954. . . . .	63 915	274 150	103 715	496 926	1 349 251
2654	SANITARY FOOD CONTAINERS					
	1958. . . . .	29 493	139 131	49 777	309 224	680 079
	1954. . . . .	28 200	111 674	46 502	231 016	571 013
2655	FIBER CANS, TUBES, DRUMS, ETC					
	1958. . . . .	10 971	47 855	18 399	79 548	165 627
	1954. . . . .	12 435	46 283	21 377	76 702	152 672
265	PAPERBOARD CONTAINERS & BOXES					
	1958. . . . .	181 177	835 016	294 460	1 501 629	3 587 805
	1954. . . . .	173 902	685 429	288 880	1 215 921	2 940 318
2661	BUILDING PAPER AND BOARD MILLS					
	1958. . . . .	20 658	102 717	37 337	215 050	391 786
	1954. . . . .	20 011	80 737	37 367	184 383	324 175
266	BUILDING PAPER AND BOARD MILLS					
	1958. . . . .	20 658	102 717	37 337	215 050	391 786
	1954. . . . .	20 011	80 737	37 367	184 383	324 175
26	PAPER AND ALLIED PRODUCTS					
	1958. . . . .	555 398	2 779 885	934 371	5 707 474	12 959 334
	1954. . . . .	531 083	2 221 767	919 079	4 639 654	10 207 151
2711	NEWSPAPERS					
	1958. . . . .	294 258	1 493 136	276 910	2 516 921	3 628 021
	1954. . . . .	280 895	1 257 139	280 248	2 137 583	3 091 642
271	NEWSPAPERS					
	1958. . . . .	294 258	1 493 136	276 910	2 516 921	3 628 021
	1954. . . . .	280 895	1 257 139	280 248	2 137 583	3 091 642
2721	PERIODICALS					
	1958. . . . .	66 028	380 636	21 209	932 554	1 676 743
	1954. . . . .	62 428	312 695	29 614	805 716	1 469 759
272	PERIODICALS					
	1958. . . . .	66 028	380 636	21 209	932 554	1 676 743
	1954. . . . .	62 428	312 695	29 614	805 716	1 469 759
2731	BOOKS, PUBLISHING & PRINTING					
	1958. . . . .	40 069	193 854	21 088	616 241	1 033 144
	1954. . . . .	34 704	144 757	17 098	407 204	708 943



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2732	BOOK PRINTING					
	1958. . . . .	28 625	143 990	46 758	226 793	357 652
	1954. . . . .	22 695	100 439	37 927	144 988	224 959
273	BOOKS					
	1958. . . . .	68 694	337 844	67 846	843 034	1 390 796
	1954. . . . .	57 399	245 196	55 025	552 192	933 902
2741	MISCELLANEOUS PUBLISHING					
	1958. . . . .	19 870	95 518	12 029	206 851	316 928
	1954. . . . .	18 378	73 174	9 570	150 505	234 558
274	MISCELLANEOUS PUBLISHING					
	1958. . . . .	19 870	95 518	12 029	206 851	316 928
	1954. . . . .	18 378	73 174	9 570	150 505	234 558
2751	PRINTING: LETTERPRESS					
	1958. . . . .	189 078	954 240	286 790	1 482 604	2 533 227
	1954. . . . .	185 327	821 678	283 520	1 265 860	2 115 013
2752	PRINTING: LITHOGRAPHIC					
	1958. . . . .	89 678	519 506	132 677	797 397	1 341 551
	1954. . . . .	70 159	339 737	106 499	527 137	901 141
2753	ENGRAVING AND PLATE PRINTING					
	1958. . . . .	9 047	43 115	13 554	64 471	87 202
	1954. . . . .	7 510	29 412	11 963	43 663	61 294
275	COMMERCIAL PRINTING					
	1958. . . . .	287 803	1 516 861	433 021	2 344 472	3 961 980
	1954. . . . .	262 996	1 190 827	401 982	1 836 660	3 077 448
2761	MANIFOLD BUSINESS FORMS					
	1958. . . . .	23 618	120 945	32 823	245 229	405 731
	1954. . . . .	27 361	122 259	41 800	189 150	315 856
276	MANIFOLD BUSINESS FORMS					
	1958. . . . .	23 618	120 945	32 823	245 229	405 731
	1954. . . . .	27 361	122 259	41 800	189 150	315 856
2771	GREETING CARDS					
	1958. . . . .	21 777	89 405	28 297	178 563	291 480
	1954. . . . .	21 347	70 434	28 624	134 615	220 339
277	GREETING CARDS					
	1958. . . . .	21 777	89 405	28 297	178 563	291 480
	1954. . . . .	21 347	70 434	28 624	134 615	220 339
2782	BLANKBOOKS: LOOSELEAF BINDERS					
	1958. . . . .	17 872	79 024	26 838	132 660	217 862
	1954. . . . .	14 786	53 990	22 905	87 682	143 538
2789	BOOKBINDING AND RELATED WORK					
	1958. . . . .	22 160	87 448	37 378	132 722	181 987
	1954. . . . .	20 372	69 562	34 853	102 487	138 157
278	BOOKBINDING AND RELATED WORK					
	1958. . . . .	40 032	166 472	64 216	265 382	399 849
	1954. . . . .	35 158	123 552	57 758	190 169	281 695
2791	TYPESETTING					
	1958. . . . .	18 011	109 352	27 278	155 123	177 186
	1954. . . . .	14 550	74 558	23 082	107 330	123 382
2793	PHOTOENGRAVING					
	1958. . . . .	17 251	125 337	23 020	172 158	208 911
	1954. . . . .	17 711	112 575	25 575	149 282	175 341
2794	ELECTROTYPING AND STEREOTYPING					
	1958. . . . .	6 759	44 173	9 274	62 675	81 143
	1954. . . . .	8 005	48 391	11 728	69 954	88 276
279	PRINTING TRADES SERVICES					
	1958. . . . .	42 021	278 862	59 572	389 956	467 240
	1954. . . . .	40 266	235 524	60 385	326 566	386 999
27	PRINTING AND PUBLISHING					
	1958. . . . .	864 101	4 479 679	995 923	7 922 962	12 538 768
	1954. . . . .	806 228	3 630 800	965 006	6 323 156	10 012 198
2812	ALKALIES AND CHLORINE					
	1958. . . . .	20 476	115 024	28 440	306 187	504 309
	1954. . . . .	20 440	96 047	31 393	256 282	413 558

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2813	INDUSTRIAL GASES					
	1958. . . . .	10 642	56 661	12 668	174 249	277 441
	1954. . . . .	10 363	44 092	13 143	121 840	200 769
2814	CYCLIC (COAL TAR) CRUDES					
	1958. . . . .	2 084	12 008	3 482	29 993	116 972
	1954. . . . .	1 925	8 246	2 829	22 206	79 130
2815	INTERMEDIATE COAL TAR PRODUCTS					
	1958. . . . .	26 218	155 411	35 503	373 106	817 387
	1954. . . . .	32 748	165 511	44 142	362 873	742 691
2816	INORGANIC PIGMENTS					
	1958. . . . .	11 368	61 867	15 980	235 658	417 673
	1954. . . . .	12 182	54 755	18 220	194 522	388 550
2817	GOPO INORGANIC CHEMICALS, N.E.C.					
	1958. . . . .	35 892	238 948	39 934	538 380	775 041
	1954. . . . .	40 924	219 405	40 513	360 988	511 797
2818	ORGANIC CHEMICALS, NEC					
	1958. . . . .	77 442	508 433	103 917	1 671 723	3 097 963
	1954. . . . .	67 531	364 852	93 101	1 177 357	2 244 821
2819	INORGANIC CHEMICALS, NEC					
	1958. . . . .	53 982	311 311	78 786	930 474	1 979 386
	1954. . . . .	56 180	256 640	83 790	747 507	1 503 158
281	BASIC CHEMICALS					
	1958. . . . .	238 104	1 459 663	318 710	4 259 770	7 986 172
	1954. . . . .	242 293	1 209 548	327 131	3 243 575	6 084 474
2821	PLASTICS MATERIALS					
	1958. . . . .	51 003	308 212	72 035	871 956	1 846 667
	1954. . . . .	41 145	201 487	57 441	585 845	1 254 523
2822	SYNTHETIC RUBBER					
	1958. . . . .	9 252	60 909	12 533	197 866	536 348
	1954. . . . .	8 531	44 502	12 217	142 518	361 565
2823	CELLULOSIC MAN-MADE FIBERS					
	1958. . . . .	42 597	211 513	62 466	390 310	722 818
	1954. . . . .	45 602	190 267	67 983	375 280	718 057
2824	ORGANIC FIBERS, NONCELLULOSIC					
	1958. . . . .	18 684	102 742	26 025	439 638	688 365
	1954. . . . .	15 068	69 621	21 336	318 423	515 126
282	FIBERS, PLASTICS, RUBBERS					
	1958. . . . .	121 536	683 376	173 059	1 899 770	3 794 198
	1954. . . . .	110 346	505 877	158 977	1 422 066	2 849 271
2831	BIOLOGICAL PRODUCTS					
	1958. . . . .	3 692	16 218	4 999	38 947	63 833
	1954. . . . .	3 965	15 789	5 722	39 384	66 555
2833	MEDICINALS AND BOTANICALS					
	1958. . . . .	10 246	62 877	13 810	175 817	322 286
	1954. . . . .	11 541	56 872	16 229	143 297	281 013
2834	PHARMACEUTICAL PREPARATIONS					
	1958. . . . .	82 002	466 596	91 374	1 881 524	2 591 831
	1954. . . . .	76 655	353 769	95 123	1 182 246	1 700 490
283	DRUGS					
	1958. . . . .	95 940	545 691	110 183	2 096 288	2 977 950
	1954. . . . .	92 161	426 430	117 074	1 364 927	2 048 058
2841	SOAP AND OTHER DETERGENTS					
	1958. . . . .	29 603	181 485	36 779	857 585	1 605 935
	1954. . . . .	34 146	163 994	38 571	659 632	1 283 869
2842	POLISHES AND SANITATION GOODS					
	1958. . . . .	16 429	82 594	17 840	295 566	585 029
	1954. . . . .	12 689	55 580	14 466	198 117	402 680
2843	SURFACE ACTIVE AGENTS					
	1958. . . . .	3 122	19 484	3 707	52 421	126 624
	1954. . . . .	3 450	18 580	3 910	49 280	104 599
2844	TOILET PREPARATIONS					
	1958. . . . .	29 464	133 951	36 010	697 529	1 059 161
	1954. . . . .	24 809	94 726	31 051	432 475	667 082



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
284	CLEANING AND TOILET GOODS					
	1958. . . . .	78 618	417 514	94 336	1 903 101	3 376 749
	1954. . . . .	75 094	332 880	87 998	1 339 504	2 458 230
2851	PAINTS AND VARNISHES					
	1958. . . . .	57 034	313 737	65 120	783 285	1 831 262
	1954. . . . .	56 580	263 887	67 660	661 805	1 579 887
2852	PUTTY AND CALKING COMPOUNDS					
	1958. . . . .	1 736	9 635	1 786	23 610	47 471
	1954. . . . .	1 458	6 441	1 807	15 018	34 773
285	PAINTS AND VARNISHES					
	1958. . . . .	58 770	323 372	66 906	806 895	1 878 733
	1954. . . . .	58 038	270 328	69 467	676 823	1 614 660
2861	GUM AND WOOD CHEMICALS					
	1958. . . . .	7 251	30 097	11 563	85 302	182 176
	1954. . . . .	8 036	30 070	14 070	71 569	166 575
286	GUM AND WOOD CHEMICALS					
	1958. . . . .	7 251	30 097	11 563	85 302	182 176
	1954. . . . .	8 036	30 070	14 070	71 569	166 575
2871	FERTILIZERS					
	1958. . . . .	18 728	79 022	28 986	197 943	605 249
	1954. . . . .	19 728	73 048	34 527	179 419	589 835
2872	FERTILIZERS, MIXING ONLY					
	1958. . . . .	12 161	43 610	15 931	105 845	438 628
	1954. . . . .	12 040	38 480	18 575	92 631	411 431
2873	AGRICULTURAL PESTICIDES AND CHEMICALS, NEC					
	1958. . . . .	7 790	37 789	9 502	110 993	333 105
	1954. . . . .	7 661	30 573	9 558	87 143	248 427
287	AGRICULTURAL CHEMICALS					
	1958. . . . .	38 679	160 421	54 419	414 781	1 376 982
	1954. . . . .	39 429	142 101	62 660	359 193	1 249 693
2891	GLUE AND GELATIN					
	1958. . . . .	7 890	42 146	10 563	106 383	245 205
	1954. . . . .	7 809	33 880	10 680	81 531	178 764
2892	EXPLOSIVES					
	1958. . . . .	14 971	79 597	19 992	131 646	228 614
	1954. . . . .	32 478	146 843	51 696	221 272	395 276
2893	PRINTING INK					
	1958. . . . .	7 960	45 069	11 182	108 803	228 141
	1954. . . . .	7 609	35 713	10 699	88 343	183 552
2894	FATTY ACIDS					
	1958. . . . .	1 558	9 793	2 141	20 594	66 740
	1954. . . . .	1 891	10 263	2 712	23 968	60 784
2895	CARBON BLACK					
	1958. . . . .	3 162	18 606	5 650	72 641	119 271
	1954. . . . .	3 347	16 159	5 998	59 198	100 005
2899	CHEMICAL PREPARATIONS, NEC					
	1958. . . . .	24 727	131 810	30 120	364 397	703 325
	1954. . . . .	21 053	88 119	28 799	246 475	490 340
289	OTHER CHEMICAL PRODUCTS					
	1958. . . . .	60 268	327 021	79 648	804 464	1 591 296
	1954. . . . .	74 187	330 977	110 584	720 787	1 408 721
28	CHEMICALS & ALLIED PRODUCTS					
	1958. . . . .	699 166	3 947 155	908 824	12 270 371	23 164 256
	1954. . . . .	699 584	3 248 211	947 961	9 198 444	17 879 682
2911	PETROLEUM REFINING					
	1958. . . . .	146 025	944 332	207 609	2 119 402	14 539 055
	1954. . . . .	153 072	816 120	223 116	1 918 020	12 182 245
291	PETROLEUM REFINING					
	1958. . . . .	146 025	944 332	207 609	2 119 402	14 539 055
	1954. . . . .	153 072	816 120	223 116	1 918 020	12 182 245
2951	PAVING MIXTURES AND BLOCKS					
	1958. . . . .	7 797	42 028	11 708	112 548	267 676
	1954. . . . .	4 367	20 092	6 688	52 145	133 178

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
2952	ASPHALT FELTS AND COATINGS					
	1958. . . . .	15 520	77 444	24 009	156 487	460 104
	1954. . . . .	15 730	68 054	26 950	155 607	431 607
295	PAVING AND ROOFING MATERIALS					
	1958. . . . .	23 317	119 472	35 717	269 035	727 780
	1954. . . . .	20 097	88 146	33 638	207 752	564 785
2992	LUBRICATING OILS AND GREASES					
	1958. . . . .	7 568	42 349	8 588	103 084	281 377
	1954. . . . .	8 159	40 062	9 414	90 661	265 111
2999	PETROLEUM & COAL PRODUCTS, NEC					
	1958. . . . .	2 256	10 520	3 446	26 903	74 855
	1954. . . . .	2 009	8 905	3 141	24 437	63 496
299	PETROLEUM & COAL PRODUCTS, NEC					
	1958. . . . .	9 824	52 869	12 034	129 987	356 232
	1954. . . . .	10 168	48 967	12 555	115 098	328 607
29	PETROLEUM AND COAL PRODUCTS					
	1958. . . . .	179 166	1 116 673	255 360	2 518 424	15 623 067
	1954. . . . .	183 337	953 233	269 309	2 240 870	13 075 637
3011	TIRES AND INNER TUBES					
	1958. . . . .	89 395	521 855	133 268	1 179 957	2 577 788
	1954. . . . .	95 945	454 659	142 915	900 603	2 040 277
301	TIRES AND INNER TUBES					
	1958. . . . .	89 395	521 855	133 268	1 179 957	2 577 788
	1954. . . . .	95 945	454 659	142 915	900 603	2 040 277
3021	RUBBER FOOTWEAR					
	1958. . . . .	20 359	85 611	34 131	149 608	229 439
	1954. . . . .	18 322	64 022	30 317	106 768	171 471
302	RUBBER FOOTWEAR					
	1958. . . . .	20 359	85 611	34 131	149 608	229 439
	1954. . . . .	18 322	64 022	30 317	106 768	171 471
3031	RECLAIMED RUBBER					
	1958. . . . .	2 215	11 658	3 330	20 843	39 260
	1954. . . . .	2 953	12 697	4 602	23 454	63 599
303	RECLAIMED RUBBER					
	1958. . . . .	2 215	11 658	3 330	20 843	39 260
	1954. . . . .	2 953	12 697	4 602	23 454	63 599
3069	FABRICATED RUBBER PRODUCTS, NEC					
	1958. . . . .	119 565	592 964	176 994	997 254	1 885 274
	1954. . . . .	128 790	525 852	198 783	919 889	1 747 172
306	FABRICATED RUBBER PRODUCTS, NEC					
	1958. . . . .	119 565	592 964	176 994	997 254	1 885 274
	1954. . . . .	128 790	525 852	198 783	919 889	1 747 172
3079	PLASTICS PRODUCTS, NEC					
	1958. . . . .	116 308	511 207	183 253	928 950	1 867 877
	1954. . . . .	94 782	360 851	156 726	617 546	1 266 364
307	PLASTICS PRODUCTS, NEC					
	1958. . . . .	116 308	511 207	183 253	928 950	1 867 877
	1954. . . . .	94 782	360 851	156 726	617 546	1 266 364
30	RUBBER AND PLASTICS PRODUCTS, NEC					
	1958. . . . .	347 842	1 723 295	530 976	3 276 612	6 599 638
	1954. . . . .	340 792	1 418 081	533 343	2 568 260	5 288 883
3111	LEATHER TANNING AND FINISHING					
	1958. . . . .	37 130	165 545	63 376	275 796	743 124
	1954. . . . .	43 468	168 139	75 689	260 228	713 324
311	LEATHER TANNING AND FINISHING					
	1958. . . . .	37 130	165 545	63 376	275 796	743 124
	1954. . . . .	43 468	168 139	75 689	260 228	713 324
3121	INDUSTRIAL LEATHER BELTING					
	1958. . . . .	3 975	18 689	5 371	36 300	66 560
	1954. . . . .	4 576	18 569	6 513	35 383	67 102
312	INDUSTRIAL LEATHER RELTING					
	1958. . . . .	3 975	18 689	5 371	36 300	66 560
	1954. . . . .	4 576	18 569	6 513	35 383	67 102



**Appendix B. Industry Statistics Used for Weighting--Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3131	FOOTWEAR CUT STOCK					
	1958. . . . .	18 031	58 489	28 859	98 380	256 652
	1954. . . . .	20 059	57 113	32 533	87 070	259 732
313	FOOTWEAR CUT STOCK					
	1958. . . . .	18 031	58 489	28 859	98 380	256 652
	1954. . . . .	20 059	57 113	32 533	87 070	259 732
3141	FOOTWEAR, EXCEPT RUBBER					
	1958. . . . .	215 311	662 421	348 481	1 086 260	2 048 857
	1954. . . . .	219 375	589 267	356 681	942 961	1 809 127
3142	HOUSE SLIPPERS					
	1958. . . . .	11 520	37 057	18 046	59 656	112 145
	1954. . . . .	10 879	30 065	16 773	45 418	90 760
314	FOOTWEAR, EXCEPT RUBBER					
	1958. . . . .	226 831	699 478	366 527	1 145 916	2 161 002
	1954. . . . .	230 254	619 332	373 454	988 379	1 899 887
3151	LEATHER GLOVES					
	1958. . . . .	6 212	15 999	9 214	25 999	54 155
	1954. . . . .	7 119	16 035	10 742	23 428	51 490
315	LEATHER GLOVES					
	1958. . . . .	6 212	15 999	9 214	25 999	54 155
	1954. . . . .	7 119	16 035	10 742	23 428	51 490
3161	LUGGAGE					
	1958. . . . .	15 856	54 717	25 138	96 560	184 722
	1954. . . . .	15 983	52 021	27 540	91 431	172 611
316	LUGGAGE					
	1958. . . . .	15 856	54 717	25 138	96 560	184 722
	1954. . . . .	15 983	52 021	27 540	91 431	172 611
3171	HANDBAGS AND PURSES					
	1958. . . . .	21 953	68 632	37 231	111 496	231 110
	1954. . . . .	22 881	61 405	39 942	93 865	194 262
3172	SMALL LEATHER GOODS					
	1958. . . . .	13 657	46 483	21 380	75 791	138 052
	1954. . . . .	14 539	43 737	23 350	69 763	124 244
317	PURSES AND SMALL LEATHER GOODS					
	1958. . . . .	35 610	115 115	58 611	187 287	369 162
	1954. . . . .	37 420	105 142	63 292	163 628	318 506
3199	LEATHER GOODS, NEC					
	1958. . . . .	5 405	17 651	8 778	31 227	60 178
	1954. . . . .	5 900	16 471	9 835	29 208	58 659
319	LEATHER GOODS, NEC					
	1958. . . . .	5 405	17 651	8 778	31 227	60 178
	1954. . . . .	5 900	16 471	9 835	29 208	58 659
31	LEATHER AND LEATHER PRODUCTS					
	1958. . . . .	349 050	1 145 683	565 874	1 897 465	3 895 555
	1954. . . . .	364 779	1 052 822	599 598	1 678 755	3 541 311
3211	FLAT GLASS					
	1958. . . . .	21 179	133 551	35 867	263 151	384 711
	1954. . . . .	24 559	132 509	44 344	247 175	372 689
321	FLAT GLASS					
	1958. . . . .	21 179	133 551	35 867	263 151	384 711
	1954. . . . .	24 559	132 509	44 344	247 175	372 689
3221	GLASS CONTAINERS					
	1958. . . . .	54 937	259 893	97 622	532 469	862 117
	1954. . . . .	49 410	195 944	87 672	384 647	646 104
3229	PRESSED AND BLOWN GLASS, NEC					
	1958. . . . .	37 108	171 414	58 974	312 342	445 361
	1954. . . . .	41 924	158 623	66 673	294 192	416 021
322	PRESSED AND BLOWN GLASSWARE					
	1958. . . . .	92 045	431 307	156 596	844 811	1 307 478
	1954. . . . .	91 334	354 567	154 345	678 839	1 062 125
3231	PRODUCTS OF PURCHASED GLASS					
	1958. . . . .	24 024	109 570	38 124	242 657	468 809
	1954. . . . .	21 614	87 529	36 377	193 282	386 695

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
323	PRODUCTS OF PURCHASED GLASS					
	1958. . . . .	24 024	109 570	38 124	242 657	468 809
	1954. . . . .	21 614	87 529	36 377	193 282	386 695
3241	CEMENT, HYDRAULIC					
	1958. . . . .	41 127	214 221	69 481	724 771	1 073 494
	1954. . . . .	39 769	167 659	70 839	525 667	814 923
324	CEMENT, HYDRAULIC					
	1958. . . . .	41 127	214 221	69 481	724 771	1 073 494
	1954. . . . .	39 769	167 659	70 839	525 667	814 923
3251	BRICK AND STRUCTURAL TILE					
	1958. . . . .	31 087	122 868	55 316	196 890	286 709
	1954. . . . .	32 426	114 740	61 048	184 017	262 590
3253	CERAMIC WALL AND FLOOR TILE					
	1958. . . . .	13 068	53 738	21 768	92 779	135 470
	1954. . . . .	11 988	46 064	21 010	75 504	105 396
3255	CLAY REFRACTORIES					
	1958. . . . .	12 394	59 816	18 581	104 898	163 478
	1954. . . . .	14 463	55 604	22 783	88 483	139 290
3259	STRUCTURAL CLAY PRODUCTS, NEC					
	1958. . . . .	13 756	56 454	22 185	95 881	134 928
	1954. . . . .	13 936	50 757	24 921	79 645	109 828
325	STRUCTURAL CLAY PRODUCTS					
	1958. . . . .	70 305	292 876	117 850	490 448	720 585
	1954. . . . .	72 813	267 165	129 762	427 649	617 104
3261	VITREOUS PLUMBING FIXTURES					
	1958. . . . .	9 677	49 568	15 638	87 293	142 683
	1954. . . . .	9 200	40 541	15 676	75 539	128 229
3262	VITREOUS CHINA FOOD UTENSILS					
	1958. . . . .	7 640	30 211	11 793	42 355	51 885
	1954. . . . .	8 704	28 161	14 061	36 413	45 063
3263	EARTHENWARE FOOD UTENSILS					
	1958. . . . .	8 555	27 812	12 119	34 170	48 517
	1954. . . . .	13 335	38 742	19 467	48 655	67 029
3264	PORCELAIN ELECTRICAL SUPPLIES					
	1958. . . . .	9 107	42 362	14 741	66 074	97 475
	1954. . . . .	9 550	37 679	15 847	54 312	83 169
3269	POTTERY PRODUCTS, NEC					
	1958. . . . .	9 240	31 194	15 142	54 020	78 755
	1954. . . . .	10 144	28 438	17 177	43 062	60 456
326	POTTERY AND RELATED PRODUCTS					
	1958. . . . .	44 219	181 147	69 433	283 912	419 315
	1954. . . . .	50 933	173 561	82 228	257 981	383 946
3271	CONCRETE BLOCK AND BRICK					
	1958. . . . .	22 766	98 103	32 933	190 355	413 670
	1954. . . . .	26 837	94 522	41 430	180 202	381 332
3272	CONCRETE PRODUCTS					
	1958. . . . .	46 182	199 883	73 436	390 378	718 543
	1954. . . . .	33 573	122 432	55 277	238 490	431 898
3273	READY-MIXED CONCRETE					
	1958. . . . .	61 890	301 607	88 084	676 062	1 681 926
	1954. . . . .	34 940	153 547	52 410	398 469	998 370
3274	LIME					
	1958. . . . .	7 185	32 754	12 509	73 597	130 948
	1954. . . . .	7 989	30 645	14 456	57 986	112 854
3275	GYPSUM PRODUCTS					
	1958. . . . .	11 502	57 978	20 606	218 042	364 947
	1954. . . . .	11 020	48 877	22 034	166 081	297 012
327	CONCRETE AND PLASTER PRODUCTS					
	1958. . . . .	149 525	690 325	227 568	1 548 434	3 310 034
	1954. . . . .	114 359	450 023	185 607	1 041 228	2 221 466
3281	CUT STONE AND STONE PRODUCTS					
	1958. . . . .	20 348	83 038	33 056	129 038	206 264
	1954. . . . .	21 576	78 240	36 721	121 465	191 494



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
328	CUT STONE AND STONE PRODUCTS					
	1958. . . . .	20 348	83 038	33 056	129 038	206 264
	1954. . . . .	21 576	78 240	36 721	121 465	191 494
3291	ABRASIVE PRODUCTS					
	1958. . . . .	23 955	127 912	30 891	277 706	490 752
	1954. . . . .	22 345	101 218	30 417	198 983	349 184
3292	ASBESTOS PRODUCTS					
	1958. . . . .	21 292	106 411	35 046	235 487	453 488
	1954. . . . .	21 977	92 413	35 985	186 927	361 131
3293	GASKETS AND INSULATIONS					
	1958. . . . .	13 494	65 078	19 502	105 211	188 684
	1954. . . . .	12 807	55 115	20 340	87 253	166 073
3295	MINERALS: GROUND OR TREATED					
	1958. . . . .	7 906	40 328	12 988	111 414	208 327
	1954. . . . .	8 194	34 488	14 670	96 588	165 189
3296	MINERAL WOOL					
	1958. . . . .	12 294	61 058	19 229	137 577	251 681
	1954. . . . .	10 982	46 655	17 104	96 661	166 998
3297	NONCLAY REFRACTORIES					
	1958. . . . .	8 013	41 167	11 657	102 362	177 643
	1954. . . . .	7 855	31 440	11 829	71 069	121 254
3299	NONMETALLIC MINERALS, NEC					
	1958. . . . .	4 316	16 982	6 535	31 973	58 947
	1954. . . . .	5 471	18 544	8 775	34 223	52 288
329	NONMETALLIC MINERALS, NEC					
	1958. . . . .	91 270	458 936	135 848	1 001 730	1 829 522
	1954. . . . .	89 631	379 873	139 120	771 704	1 382 117
32	STONE, CLAY & GLASS PRODUCTS					
	1958. . . . .	554 042	2 594 971	883 823	5 528 952	9 720 212
	1954. . . . .	526 588	2 091 126	879 343	4 264 990	7 432 559
3312	BLAST FURNACES AND STEEL MILLS					
	1958. . . . .	511 392	3 183 483	765 941	6 062 227	13 592 152
	1954. . . . .	553 850	2 581 270	883 057	5 055 409	11 757 776
3313	ELECTROMETALLURGICAL PRODUCTS					
	1958. . . . .	12 689	71 883	18 961	178 880	399 122
	1954. . . . .	11 361	51 332	17 614	118 785	272 751
3315	STEEL WIRE DRAWING					
	1958. . . . .	19 250	110 184	29 147	196 200	452 062
	1954. . . . .	17 318	77 341	27 954	143 755	380 397
3316	COLD FINISHING OF STEEL SHAPES					
	1958. . . . .	10 943	67 084	16 039	141 516	477 824
	1954. . . . .	9 332	45 861	14 673	99 129	321 833
3317	STEEL PIPE AND TUBES					
	1958. . . . .	23 911	138 144	37 988	284 096	780 684
	1954. . . . .	23 951	117 531	40 639	225 187	581 037
331	STEEL ROLLING AND FINISHING					
	1958. . . . .	578 185	3 570 778	868 076	6 862 919	15 701 844
	1954. . . . .	615 812	2 873 335	983 937	5 642 265	13 313 794
3321	GRAY IRON FOUNDRIES					
	1958. . . . .	112 670	531 152	178 006	810 758	1 434 701
	1954. . . . .	134 458	559 799	231 169	850 877	1 447 734
3322	MALLEABLE IRON FOUNDRIES					
	1958. . . . .	20 230	100 579	31 366	127 592	214 537
	1954. . . . .	23 773	98 524	38 953	135 513	216 924
3323	STEEL FOUNDRIES					
	1958. . . . .	49 133	254 338	74 390	383 870	596 276
	1954. . . . .	55 073	241 305	85 684	346 706	539 784
332	IRON AND STEEL FOUNDRIES					
	1958. . . . .	182 033	886 069	283 762	1 322 220	2 245 514
	1954. . . . .	213 304	899 628	355 806	1 333 096	2 204 442
3331	PRIMARY COPPER					
	1958. . . . .	14 561	76 116	24 476	158 122	827 325
	1954. . . . .	14 680	63 340	24 960	159 237	844 000

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3332	PRIMARY LEAD					
	1958. . . . .	3 563	18 182	5 687	36 325	317 061
	1954. . . . .	4 063	17 393	6 659	30 772	329 000
3333	PRIMARY ZINC					
	1958. . . . .	8 923	44 078	13 788	71 653	208 993
	1954. . . . .	10 470	44 042	16 546	87 501	231 340
3334	PRIMARY ALUMINUM					
	1958. . . . .	17 381	111 588	27 738	383 836	808 822
	1954. . . . .	20 626	96 813	35 335	258 944	604 195
3339	PRIMARY NONFERROUS METALS, NEC					
	1958. . . . .	2 658	15 939	3 976	50 495	96 565
	1954. . . . .	3 704	18 605	5 509	50 953	187 869
333	PRIMARY NONFERROUS METAL					
	1958. . . . .	47 086	265 903	75 665	700 431	2 258 766
	1954. . . . .	53 543	240 193	89 009	587 407	2 196 404
3341	SECONDARY NONFERROUS METALS					
	1958. . . . .	14 441	75 669	21 194	147 262	724 013
	1954. . . . .	15 155	68 822	24 146	144 800	742 188
334	SECONDARY NONFERROUS METALS					
	1958. . . . .	14 441	75 669	21 194	147 262	724 013
	1954. . . . .	15 155	68 822	24 146	144 800	742 188
3351	COPPER ROLLING AND DRAWING					
	1958. . . . .	40 329	222 259	63 291	445 371	1 209 926
	1954. . . . .	40 743	189 772	66 116	410 553	1 293 968
3352	ALUMINUM ROLLING AND DRAWING					
	1958. . . . .	46 879	272 168	75 323	537 086	1 562 381
	1954. . . . .	40 383	180 241	66 801	387 473	973 835
3356	ROLLING AND DRAWING, NEC					
	1958. . . . .	16 571	94 713	22 542	174 633	486 308
	1954. . . . .	11 954	57 481	18 277	126 018	403 359
3357	NONFERROUS WIRE DRAWING, ETC					
	1958. . . . .	56 493	296 157	88 973	568 911	1 532 508
	1954. . . . .	55 772	247 884	92 476	464 789	1 310 628
335	NONFERROUS ROLLING AND DRAWING					
	1958. . . . .	160 272	885 297	250 129	1 726 001	4 791 123
	1954. . . . .	148 852	675 378	243 670	1 388 833	3 981 790
3361	ALUMINUM CASTINGS					
	1958. . . . .	30 045	158 915	48 683	225 686	422 041
	1954. . . . .	34 541	154 126	58 303	222 057	415 777
3362	BRASS, BRONZE, COPPER CASTINGS					
	1958. . . . .	14 861	70 512	23 538	109 744	220 955
	1954. . . . .	17 211	76 799	29 052	110 648	207 179
3369	NONFERROUS CASTINGS, NEC					
	1958. . . . .	17 253	89 239	27 617	135 311	234 649
	1954. . . . .	20 294	90 555	34 255	130 467	244 282
336	NONFERROUS FOUNDRIES					
	1958. . . . .	62 159	318 666	99 838	470 741	877 645
	1954. . . . .	72 046	321 480	121 610	463 172	867 238
3391	IRON AND STEEL FORGINGS					
	1958. . . . .	36 456	213 714	54 436	310 148	670 916
	1954. . . . .	39 771	201 938	65 120	294 112	603 228
3392	NONFERROUS FORGINGS					
	1958. . . . .	5 932	34 634	9 024	40 963	115 048
	1954. . . . .	5 920	27 709	9 661	33 580	90 686
3399	PRIMARY METAL INDUSTRIES, NEC					
	1958. . . . .	9 795	52 717	14 813	90 656	141 172
	1954. . . . .	9 852	42 504	15 981	74 892	112 140
339	PRIMARY METAL INDUSTRIES NEC					
	1958. . . . .	52 183	301 065	78 273	441 767	927 136
	1954. . . . .	55 543	272 151	90 762	402 584	806 054
33	PRIMARY METAL INDUSTRIES					
	1958. . . . .	1 096 359	6 303 447	1 676 937	11 671 341	27 526 041
	1954. . . . .	1 174 255	5 350 987	1 908 940	9 962 157	24 111 909



## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3411	METAL CANS					
	1958. . . . .	54 238	303 885	94 295	668 606	1 824 106
	1954. . . . .	54 961	243 923	97 092	497 936	1 374 535
341	METAL CANS					
	1958. . . . .	54 238	303 885	94 295	668 606	1 824 106
	1954. . . . .	54 961	243 923	97 092	497 936	1 374 535
3421	CUTLERY					
	1958. . . . .	11 831	52 745	17 986	126 310	179 271
	1954. . . . .	14 994	55 659	24 402	120 083	172 319
3423	EDGE TOOLS					
	1958. . . . .	30 273	142 551	45 720	267 316	440 150
	1954. . . . .	34 128	137 076	54 215	234 261	383 899
3425	HAND SAWS AND SAW BLADES					
	1958. . . . .	5 509	28 311	7 883	53 658	87 626
	1954. . . . .	6 840	29 120	10 261	50 805	87 921
3429	HARDWARE, NEC					
	1958. . . . .	88 105	433 304	134 166	754 943	1 347 879
	1954. . . . .	87 472	376 914	146 540	633 000	1 115 825
342	CUTLERY, HAND TOOLS, HARDWARE					
	1958. . . . .	135 718	656 911	205 755	1 202 227	2 054 926
	1954. . . . .	143 434	598 769	235 418	1 038 149	1 759 964
3431	PLUMBING FIXTURES					
	1958. . . . .	12 432	67 848	19 179	118 555	214 872
	1954. . . . .	14 817	63 926	24 543	115 908	226 660
3432	PLUMBING FITTINGS, BRASS GOODS					
	1958. . . . .	14 663	66 937	22 993	120 560	250 326
	1954. . . . .	15 068	65 007	24 958	117 695	230 495
3433	NONELECTRIC HEATING EQUIPMENT					
	1958. . . . .	44 680	222 681	63 178	432 799	912 878
	1954. . . . .	48 952	208 002	72 498	383 289	792 596
343	PLUMBING & NONELECTRIC HEATING					
	1958. . . . .	71 775	357 466	105 350	671 914	1 378 076
	1954. . . . .	78 837	336 935	121 999	616 892	1 249 751
3441	FABRICATED STRUCTURAL STEEL					
	1958. . . . .	91 252	502 697	135 764	821 626	1 901 106
	1954. . . . .	78 571	356 376	121 566	628 777	1 333 701
3442	METAL DOORS, SASH, AND TRIM					
	1958. . . . .	57 897	273 219	83 849	469 050	1 037 371
	1954. . . . .	46 899	198 079	72 419	369 813	737 487
3443	BOILER SHOP PRODUCTS					
	1958. . . . .	90 551	497 146	127 164	754 972	1 670 007
	1954. . . . .	80 341	370 125	123 940	613 199	1 271 099
3444	SHEET METAL WORK					
	1958. . . . .	58 800	309 060	86 550	516 136	1 077 811
	1954. . . . .	50 178	227 217	77 620	393 512	812 043
3449	MISCELLANEOUS METAL WORK, NEC					
	1958. . . . .	42 122	224 804	61 990	401 076	917 151
	1954. . . . .	38 296	173 700	59 252	306 470	650 057
344	STRUCTURAL METAL PRODUCTS					
	1958. . . . .	340 622	1 806 926	495 317	2 962 860	6 603 446
	1954. . . . .	294 285	1 325 497	454 797	2 311 771	4 804 387
3451	SCREW MACHINE PRODUCTS					
	1958. . . . .	31 836	154 925	51 915	249 975	425 113
	1954. . . . .	35 009	151 444	61 030	243 565	406 457
3452	BOLTS, NUTS, WASHERS, & RIVETS					
	1958. . . . .	53 270	286 039	80 579	504 731	880 328
	1954. . . . .	53 485	245 115	86 034	419 594	735 122
345	SCREW MACHINE PRODUCTS & BOLTS					
	1958. . . . .	85 106	440 964	132 494	754 706	1 305 441
	1954. . . . .	88 494	396 559	147 064	663 159	1 141 579
3461	METAL STAMPINGS					
	1958. . . . .	125 567	645 683	200 401	1 049 311	2 101 736
	1954. . . . .	137 048	601 720	228 308	969 138	1 862 769

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
346	METAL STAMPINGS					
	1958. . . . .	125 567	645 683	200 401	1 049 311	2 101 736
	1954. . . . .	137 048	601 720	228 308	969 138	1 862 769
3471	PLATING AND POLISHING					
	1958. . . . .	36 471	156 274	59 082	253 784	359 116
	1954. . . . .	36 066	136 933	62 878	214 330	307 398
3479	METAL COATING, ENGRAVING, ETC					
	1958. . . . .	15 680	68 046	25 206	108 379	196 389
	1954. . . . .	12 305	45 625	20 797	70 512	105 233
347	METAL SERVICES, NEC					
	1958. . . . .	52 151	224 320	84 288	362 163	555 505
	1954. . . . .	48 371	182 558	83 675	284 842	412 631
3481	FABRICATED WIRE PRODUCTS, NEC					
	1958. . . . .	55 476	261 027	86 278	439 940	874 923
	1954. . . . .	59 948	243 980	99 360	413 438	768 947
348	FABRICATED WIRE PRODUCTS, NEC					
	1958. . . . .	55 476	261 027	86 278	439 940	874 923
	1954. . . . .	59 948	243 980	99 360	413 438	768 947
3491	METAL BARRELS, DRUMS AND PAILS					
	1958. . . . .	9 640	53 005	15 058	94 548	250 256
	1954. . . . .	10 858	49 712	18 406	88 139	231 744
3492	SAFES AND VAULTS					
	1958. . . . .	3 495	15 843	4 417	39 537	58 790
	1954. . . . .	3 378	14 751	4 956	29 034	40 983
3493	STEEL SPRINGS					
	1958. . . . .	6 758	35 607	9 978	54 135	120 525
	1954. . . . .	8 633	40 621	13 940	61 922	149 935
3494	VALVES AND PIPE FITTINGS					
	1958. . . . .	74 994	400 331	106 186	716 056	1 241 535
	1954. . . . .	74 964	332 894	115 325	578 282	988 489
3496	COLLAPSIBLE TUBES					
	1958. . . . .	3 837	16 118	6 852	25 257	44 700
	1954. . . . .	4 302	14 934	7 643	22 429	38 067
3497	METAL FOIL AND LEAF					
	1958. . . . .	3 195	17 105	4 701	35 170	88 871
	1954. . . . .	3 133	13 390	5 380	30 733	84 708
3498	FABRICATED PIPE AND FITTINGS					
	1958. . . . .	15 214	84 015	22 238	155 621	329 979
	1954. . . . .	12 726	62 366	19 437	122 948	251 025
3499	FABRICATED METAL PRODUCTS, NEC					
	1958. . . . .	20 200	93 199	29 845	180 132	340 096
	1954. . . . .	18 462	69 675	28 842	133 531	259 610
349	FABRICATED METAL PRODUCTS, NEC					
	1958. . . . .	137 333	715 223	199 275	1 300 456	2 474 752
	1954. . . . .	136 456	598 343	213 929	1 067 018	2 044 561
34	FABRICATED METAL PRODUCTS					
	1958. . . . .	1 057 986	5 412 405	1 603 453	9 412 183	19 172 911
	1954. . . . .	1 041 834	4 528 284	1 681 642	7 862 343	15 419 124
3511	STEAM ENGINES AND TURBINES					
	1958. . . . .	45 347	274 589	57 791	568 643	961 769
	1954. . . . .	30 178	158 861	44 821	279 701	452 843
3519	INTERNAL COMBUSTION ENGINES					
	1958. . . . .	50 225	277 186	69 988	499 328	1 055 699
	1954. . . . .	51 777	241 125	77 139	371 199	918 965
351	ENGINES AND TURBINES					
	1958. . . . .	95 572	551 775	127 779	1 067 971	2 017 468
	1954. . . . .	81 955	399 986	121 960	650 900	1 371 808
3522	FARM MACHINERY AND EQUIPMENT					
	1958. . . . .	108 586	550 998	153 962	1 087 836	2 421 873
	1954. . . . .	108 296	464 371	159 919	790 524	1 791 948
352	FARM MACHINERY AND EQUIPMENT					
	1958. . . . .	108 586	550 998	153 962	1 087 836	2 421 873
	1954. . . . .	108 296	464 371	159 919	790 524	1 791 948



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3531	CONSTRUCTION MACHINERY					
	1958. . . . .	95 304	496 751	124 622	1 022 801	2 107 352
	1954. . . . .	93 738	425 152	137 462	723 811	1 601 254
3532	MINING MACHINERY AND EQUIPMENT					
	1958. . . . .	17 808	96 966	22 578	165 831	342 035
	1954. . . . .	16 155	74 206	23 646	123 396	254 578
3533	OIL FIELD MACHINES & EQUIPMENT					
	1958. . . . .	31 878	174 692	41 215	336 788	585 268
	1954. . . . .	33 630	161 530	49 494	326 959	541 589
3534	ELEVATORS AND MOVING STAIRWAYS					
	1958. . . . .	9 626	55 657	11 764	126 270	192 806
	1954. . . . .	10 257	49 518	14 164	99 763	167 494
3535	CONVEYORS					
	1958. . . . .	20 789	119 431	25 584	192 892	385 714
	1954. . . . .	19 506	97 562	26 951	175 055	317 048
3536	HOISTS, CRANES, AND MONORAILS					
	1958. . . . .	9 520	53 566	12 988	92 759	184 722
	1954. . . . .	11 524	58 329	17 013	96 287	176 081
3537	INDUSTRIAL TRUCKS AND TRACTORS					
	1958. . . . .	14 786	76 200	18 121	117 500	269 328
	1954. . . . .	15 778	71 738	22 096	124 306	259 751
353	CONSTRUCTION & LIKE EQUIPMENT					
	1958. . . . .	199 711	1 073 263	256 872	2 054 841	4 067 225
	1954. . . . .	200 588	938 035	290 826	1 669 577	3 317 795
3541	METAL-CUTTING MACHINE TOOLS					
	1958. . . . .	52 864	300 344	69 616	420 961	679 836
	1954. . . . .	79 017	421 919	130 050	725 731	1 143 438
3542	METAL-FORMING MACHINE TOOLS					
	1958. . . . .	22 502	132 368	30 905	176 021	317 657
	1954. . . . .	32 321	159 680	50 187	276 028	477 132
3544	SPECIAL DIES AND TOOLS					
	1958. . . . .	83 308	536 588	139 877	780 090	1 060 566
	1954. . . . .	86 517	501 831	163 306	746 675	1 032 195
3545	MACHINE TOOL ACCESSORIES					
	1958. . . . .	41 521	226 949	56 299	348 580	511 456
	1954. . . . .	46 418	219 968	72 270	353 123	503 479
3548	METALWORKING MACHINERY, NEC					
	1958. . . . .	33 328	183 307	46 915	332 397	602 015
	1954. . . . .	39 609	195 248	61 636	341 501	594 985
354	METALWORKING MACHINERY					
	1958. . . . .	233 523	1 379 556	343 612	2 058 049	3 171 530
	1954. . . . .	283 882	1 498 646	477 449	2 443 058	3 751 229
3551	FOOD PRODUCTS MACHINERY					
	1958. . . . .	27 715	152 515	36 304	268 639	456 171
	1954. . . . .	33 205	152 518	49 009	261 779	432 200
3552	TEXTILE MACHINERY					
	1958. . . . .	34 313	154 548	51 206	214 199	376 340
	1954. . . . .	36 595	145 253	55 733	216 606	347 145
3553	WOODWORKING MACHINERY					
	1958. . . . .	12 219	63 414	15 945	112 936	214 376
	1954. . . . .	11 973	53 821	17 771	102 525	178 799
3554	PAPER INDUSTRIES MACHINERY					
	1958. . . . .	15 713	89 881	22 727	123 758	310 179
	1954. . . . .	15 003	73 713	23 745	109 803	206 951
3555	PRINTING TRADES MACHINERY					
	1958. . . . .	21 453	119 575	30 001	188 881	309 797
	1954. . . . .	21 960	110 679	33 027	178 966	276 320
3559	SPECIAL INDUSTRY MACHINERY, NEC					
	1958. . . . .	50 849	273 665	67 312	431 117	761 077
	1954. . . . .	46 622	216 918	68 649	351 785	622 638
355	SPECIAL INDUSTRY MACHINERY					
	1958. . . . .	162 262	853 598	223 495	1 339 530	2 427 940
	1954. . . . .	165 358	752 902	247 934	1 221 464	2 064 053

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3561	PUMPS AND COMPRESSORS					
	1958. . . . .	60 042	321 509	74 975	542 037	1 114 053
	1954. . . . .	59 453	268 695	81 663	488 316	960 734
3562	BALL AND ROLLER BEARINGS					
	1958. . . . .	46 439	241 160	67 323	407 744	649 640
	1954. . . . .	49 720	214 088	78 233	329 393	543 622
3564	BLOWERS AND FANS					
	1958. . . . .	15 947	82 457	21 356	145 050	271 629
	1954. . . . .	18 125	80 850	27 349	153 366	279 693
3565	INDUSTRIAL PATTERNS					
	1958. . . . .	8 870	54 746	13 950	78 108	98 343
	1954. . . . .	10 237	50 887	17 751	80 310	102 699
3566	POWER TRANSMISSION EQUIPMENT					
	1958. . . . .	41 782	226 101	57 537	384 372	630 303
	1954. . . . .	41 056	191 813	63 107	333 498	517 212
3567	INDUSTRIAL FURNACES AND OVENS					
	1958. . . . .	10 288	57 394	11 671	96 450	204 835
	1954. . . . .	9 705	46 938	12 343	89 678	183 718
3569	GENERAL INDUSTRY MACHINERY, NEC					
	1958. . . . .	28 014	159 915	31 784	281 423	458 280
	1954. . . . .	22 541	106 199	29 471	169 943	308 504
356	GENERAL INDUSTRIAL MACHINERY					
	1958. . . . .	211 382	1 143 282	278 596	1 935 184	3 427 083
	1954. . . . .	210 837	959 470	309 917	1 644 504	2 896 182
3571	COMPUTING AND RELATED MACHINES					
	1958. . . . .	80 864	473 455	98 497	579 103	1 104 194
	1954. . . . .	55 560	270 304	86 718	397 322	602 004
3572	TYPEWRITERS					
	1958. . . . .	19 779	84 467	29 748	168 877	238 173
	1954. . . . .	18 435	67 399	32 589	136 953	178 799
3576	SCALES AND BALANCES					
	1958. . . . .	5 347	26 574	6 886	49 125	78 335
	1954. . . . .	5 083	20 097	7 213	43 011	60 624
3579	OFFICE MACHINES, NEC					
	1958. . . . .	15 625	82 984	21 227	173 424	264 513
	1954. . . . .	15 676	68 754	24 038	142 604	223 144
357	OFFICE MACHINES, NEC					
	1958. . . . .	121 615	667 480	156 358	970 529	1 685 215
	1954. . . . .	94 754	426 554	150 558	719 890	1 064 571
3581	AUTOMATIC VENDING MACHINES					
	1958. . . . .	7 894	37 049	10 846	64 694	141 635
	1954. . . . .	6 825	30 064	10 405	57 020	111 665
3582	COMMERCIAL LAUNDRY EQUIPMENT					
	1958. . . . .	6 560	33 047	9 218	65 580	119 499
	1954. . . . .	6 611	28 928	9 608	57 234	104 828
3584	VACUUM CLEANERS, INDUSTRIAL					
	1958. . . . .	432	2 321	550	4 256	10 342
	1954. . . . .	399	1 851	606	4 281	7 743
3585	REFRIGERATION MACHINERY					
	1958. . . . .	67 715	342 169	90 352	598 032	1 441 082
	1954. . . . .	73 292	324 048	111 180	563 734	1 332 544
3586	MEASURING AND DISPENSING PUMPS					
	1958. . . . .	6 201	32 852	7 102	64 689	119 045
	1954. . . . .	7 438	34 201	10 454	59 722	123 771
3589	SERVICE INDUSTRY MACHINES, NEC					
	1958. . . . .	11 257	61 398	14 536	120 900	234 885
	1954. . . . .	8 604	37 663	13 519	80 714	164 387
358	SERVICE INDUSTRY MACHINES					
	1958. . . . .	100 059	508 836	132 604	918 151	2 066 488
	1954. . . . .	103 169	456 755	155 772	822 705	1 844 938
3599	MACHINE SHOPS					
	1958. . . . .	115 535	574 873	179 544	959 099	1 479 680
	1954. . . . .	97 656	416 296	161 368	694 160	1 082 980



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
359	MACHINE SHOPS					
	1958. . . . .	115 535	574 873	179 544	959 099	1 479 680
	1954. . . . .	97 656	416 296	161 368	694 160	1 082 980
35	MACHINERY, EXCEPT ELECTRICAL					
	1958. . . . .	1 348 245	7 303 661	1 852 822	12 391 190	22 764 502
	1954. . . . .	1 346 495	6 313 015	2 075 703	10 656 782	19 185 504
3611	ELECTRIC MEASURING INSTRUMENTS					
	1958. . . . .	46 923	254 833	63 646	419 396	673 522
	1954. . . . .	33 766	148 277	48 713	250 912	376 127
3612	TRANSFORMERS					
	1958. . . . .	34 601	186 361	45 112	364 212	642 267
	1954. . . . .	40 956	186 491	58 414	394 276	688 447
3613	SWITCHGEAR AND SWITCHBOARDS					
	1958. . . . .	52 871	283 152	72 769	555 044	962 558
	1954. . . . .	52 600	239 676	73 861	455 816	749 581
361	ELECTRIC DISTRIBUTION PRODUCTS					
	1958. . . . .	134 395	724 346	181 527	1 338 652	2 278 347
	1954. . . . .	127 322	574 444	180 988	1 101 004	1 814 155
3621	MOTORS AND GENERATORS					
	1958. . . . .	93 541	488 854	127 799	813 124	1 392 573
	1954. . . . .	112 003	494 556	161 343	817 601	1 453 713
3622	INDUSTRIAL CONTROLS					
	1958. . . . .	27 150	145 270	33 660	281 890	413 163
	1954. . . . .	26 714	121 722	37 511	231 492	380 685
3623	WELDING APPARATUS					
	1958. . . . .	9 895	60 761	12 746	112 709	247 739
	1954. . . . .	8 186	45 719	11 400	77 494	179 945
3624	CARBON AND GRAPHITE PRODUCTS					
	1958. . . . .	8 904	45 628	13 015	102 483	154 925
	1954. . . . .	8 297	35 976	12 600	64 579	111 718
3629	ELECTRIC INDUSTRIAL GOODS, NEC					
	1958. . . . .	16 842	78 595	23 619	137 547	228 929
	1954. . . . .	14 828	55 731	21 742	107 422	184 400
362	ELECTRIC INDUSTRIAL APPARATUS					
	1958. . . . .	156 332	819 108	210 839	1 447 753	2 437 329
	1954. . . . .	170 028	753 704	244 596	1 298 588	2 310 461
3631	HOUSEHOLD COOKING EQUIPMENT					
	1958. . . . .	18 152	89 239	28 160	181 091	364 852
	1954. . . . .	22 666	95 364	34 288	185 709	374 579
3632	HOUSEHOLD REFRIGERATORS					
	1958. . . . .	41 493	221 439	65 592	433 369	1 002 302
	1954. . . . .	52 856	233 670	80 151	406 602	964 594
3633	HOUSEHOLD LAUNDRY EQUIPMENT					
	1958. . . . .	24 597	134 263	35 751	324 480	738 920
	1954. . . . .	22 119	98 617	32 517	190 804	541 682
3634	ELECTRIC HOUSEWARES AND FANS					
	1958. . . . .	29 150	128 850	42 804	301 033	559 090
	1954. . . . .	33 420	138 837	51 979	293 215	565 619
3635	HOUSEHOLD VACUUM CLEANERS					
	1958. . . . .	5 330	29 863	7 454	84 180	142 020
	1954. . . . .	7 898	36 617	11 981	84 674	153 158
3636	SEWING MACHINES					
	1958. . . . .	9 607	48 314	13 343	61 991	109 314
	1954. . . . .	12 414	56 552	19 142	70 339	117 554
3639	HOUSEHOLD APPLIANCES, NEC					
	1958. . . . .	14 622	79 658	19 985	162 664	378 758
	1954. . . . .	14 684	63 450	22 483	127 212	261 967
363	HOUSEHOLD APPLIANCES					
	1958. . . . .	142 951	731 626	213 089	1 548 808	3 295 256
	1954. . . . .	166 057	723 107	252 541	1 358 555	2 979 153
3641	ELECTRIC LAMPS					
	1958. . . . .	21 495	95 298	35 119	270 498	417 516
	1954. . . . .	21 963	78 921	36 750	216 230	330 864

**Appendix B. Industry Statistics Used for Weighting--Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3642	LIGHTING FIXTURES					
	1958. . . . .	47 309	215 829	71 605	397 378	826 595
	1954. . . . .	45 008	181 669	73 546	334 132	659 050
3643	CURRENT CARRYING DEVICES					
	1958. . . . .	34 808	151 687	50 383	294 189	486 186
	1954. . . . .	26 179	94 446	41 402	184 680	306 358
3644	NONCURRENT CARRYING DEVICES					
	1958. . . . .	19 722	101 382	28 741	214 607	413 758
	1954. . . . .	20 934	89 090	33 334	190 141	367 970
364	LIGHTING AND WIRING DEVICES					
	1958. . . . .	123 334	564 196	185 848	1 176 672	2 144 055
	1954. . . . .	114 084	444 126	185 032	925 183	1 664 242
3651	RADIO AND TV RECEIVING SETS					
	1958. . . . .	66 505	292 664	100 487	593 953	1 548 006
	1954. . . . .	107 597	413 696	159 222	761 561	1 648 571
3652	PHONOGRAPH RECORDS					
	1958. . . . .	7 421	33 381	12 158	93 073	148 731
	1954. . . . .	6 152	23 312	9 451	58 689	92 546
365	RADIO, TV, RECEIVING EQUIPMENT					
	1958. . . . .	73 926	326 045	112 645	687 026	1 696 737
	1954. . . . .	113 749	437 008	168 673	820 250	1 741 117
3661	TELEPHONE, TELEGRAPH APPARATUS					
	1958. . . . .	85 544	460 499	107 833	740 855	1 276 242
	1954. . . . .	64 849	301 455	84 871	501 637	829 276
3662	RADIO, TV COMMUNICATION EQUIPMENT					
	1958. . . . .	129 515	743 399	157 118	1 297 583	2 414 620
	1954. . . . .	146 530	567 721	213 959	1 036 651	2 197 530
366	COMMUNICATION EQUIPMENT					
	1958. . . . .	215 059	1 203 898	264 951	2 038 438	3 690 862
	1954. . . . .	211 379	869 176	298 830	1 538 288	3 026 806
3671	ELECTRON TUBES, RECEIVING TYPE					
	1958. . . . .	36 968	149 540	57 271	285 799	382 526
	1954. . . . .	32 257	115 869	50 944	204 822	328 387
3672	CATHODE RAY PICTURE TUBES					
	1958. . . . .	8 554	38 092	14 183	67 472	159 252
	1954. . . . .	18 769	67 419	29 642	119 176	191 070
3673	ELECTRON TUBES, TRANSMITTING					
	1958. . . . .	20 146	102 150	29 472	165 803	258 474
	1954. . . . .	17 444	62 658	27 549	110 761	177 576
3679	ELECTRONIC COMPONENTS, NEC					
	1958. . . . .	132 242	564 021	201 387	914 811	1 445 684
	1954. . . . .	61 279	234 984	90 928	431 923	926 215
367	ELECTRONIC COMPONENTS					
	1958. . . . .	197 910	853 803	302 313	1 433 885	2 245 936
	1954. . . . .	129 749	480 930	199 063	866 682	1 623 248
3691	STORAGE BATTERIES					
	1958. . . . .	14 924	76 961	23 205	150 061	368 993
	1954. . . . .	15 670	66 872	23 244	128 882	343 668
3692	PRIMARY BATTERIES, DRY AND WET					
	1958. . . . .	8 096	34 025	13 236	75 431	138 215
	1954. . . . .	10 773	36 633	16 814	58 490	123 803
3693	X-RAY AND THERAPEUTIC APPARATUS					
	1958. . . . .	5 258	30 686	5 856	58 436	95 090
	1954. . . . .	7 023	32 439	8 996	57 410	96 613
3694	ENGINE ELECTRICAL EQUIPMENT					
	1958. . . . .	39 840	201 949	60 212	366 626	631 868
	1954. . . . .	46 349	200 279	74 147	336 623	612 344
3699	ELECTRICAL PRODUCTS, NEC					
	1958. . . . .	10 259	39 342	15 776	73 581	165 388
	1954. . . . .	6 481	21 968	9 996	47 693	100 992
369	ELECTRICAL PRODUCTS, NEC					
	1958. . . . .	78 377	382 963	118 285	724 135	1 399 554
	1954. . . . .	86 296	358 191	133 197	629 098	1 277 420



**Appendix B. Industry Statistics Used for Weighting--Continued**  
**Part 2. 1954-1958 (new code)**

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
36	ELECTRICAL MACHINERY					
	1958. . . . .	1 122 284	5 605 985	1 589 497	10 395 369	19 188 076
	1954. . . . .	1 118 664	4 640 686	1 662 920	8 537 648	16 436 602
3713	TRUCK AND BUS BODIES					
	1958. . . . .	20 009	91 374	30 741	145 608	307 769
	1954. . . . .	19 618	80 380	31 988	120 499	244 740
3715	TRUCK TRAILERS					
	1958. . . . .	15 669	78 142	24 564	131 140	334 724
	1954. . . . .	16 381	72 904	26 197	115 718	316 832
3717	MOTOR VEHICLES AND PARTS					
	1958. . . . .	541 510	3 148 590	849 936	6 473 927	20 768 388
	1954. . . . .	660 650	3 265 980	1 143 980	5 988 906	21 371 526
371	MOTOR VEHICLES AND EQUIPMENT					
	1958. . . . .	577 188	3 318 106	905 241	6 750 675	21 410 881
	1954. . . . .	696 649	3 419 264	1 202 165	6 225 123	21 933 097
3721	AIRCRAFT					
	1958. . . . .	377 383	2 340 306	508 195	3 399 163	6 438 067
	1954. . . . .	426 571	2 122 815	610 357	3 140 194	6 117 338
3722	AIRCRAFT ENGINES AND PARTS					
	1958. . . . .	159 094	999 237	194 858	1 615 671	3 512 073
	1954. . . . .	167 383	819 181	243 536	1 435 443	3 268 863
3723	AIRCRAFT PROPELLERS AND PARTS					
	1958. . . . .	15 505	85 635	19 363	112 301	235 270
	1954. . . . .	16 523	78 058	22 179	99 455	215 213
3729	AIRCRAFT EQUIPMENT, NEC					
	1958. . . . .	213 500	1 294 872	296 671	1 797 203	3 031 089
	1954. . . . .	185 069	891 108	292 686	1 345 495	2 431 883
372	AIRCRAFT AND PARTS					
	1958. . . . .	765 482	4 720 050	1 019 087	6 924 338	13 216 499
	1954. . . . .	795 546	3 911 162	1 168 758	6 020 587	12 033 297
3731	SHIP BUILDING AND REPAIRING					
	1958. . . . .	119 147	669 826	197 707	913 687	1 625 624
	1954. . . . .	109 451	504 470	187 982	692 796	1 084 242
3732	BOAT BUILDING AND REPAIRING					
	1958. . . . .	25 295	103 603	40 346	157 309	329 009
	1954. . . . .	16 900	57 599	28 630	86 305	163 626
373	SHIPS AND BOATS					
	1958. . . . .	144 442	773 429	238 053	1 070 996	1 954 633
	1954. . . . .	126 351	562 069	216 612	779 101	1 247 868
3741	LOCOMOTIVES AND PARTS					
	1958. . . . .	15 282	90 097	21 092	152 086	407 540
	1954. . . . .	20 891	104 274	31 439	164 006	444 418
3742	RAILROAD AND STREET CARS					
	1958. . . . .	24 309	132 302	32 565	167 576	562 190
	1954. . . . .	30 683	139 261	44 969	164 044	499 294
374	RAILROAD EQUIPMENT					
	1958. . . . .	39 591	222 399	53 657	319 662	969 730
	1954. . . . .	51 574	243 535	76 408	328 050	943 712
3751	MOTORCYCLES, BICYCLES, & PARTS					
	1958. . . . .	7 578	33 020	12 213	52 125	121 527
	1954. . . . .	7 061	28 060	11 121	40 177	100 477
375	MOTORCYCLES, BICYCLES, AND PARTS					
	1958. . . . .	7 578	33 020	12 213	52 125	121 527
	1954. . . . .	7 061	28 060	11 121	40 177	100 477
3791	TRAILER COACHES					
	1958. . . . .	18 717	77 129	30 613	127 683	461 053
	1954. . . . .	10 744	42 350	17 946	66 771	228 183
3799	TRANSPORTATION EQUIPMENT, NEC					
	1958. . . . .	4 761	20 448	7 360	38 215	92 811
	1954. . . . .	3 457	12 814	5 828	21 359	60 544
379	TRANSPORTATION EQUIPMENT, NEC					
	1958. . . . .	23 478	97 577	37 973	165 898	553 864
	1954. . . . .	14 201	55 164	23 774	88 130	288 727

## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
37	TRANSPORTATION EQUIPMENT					
	1958. . . . .	1 557 759	9 164 581	2 266 224	15 283 694	38 227 133
	1954. . . . .	1 691 382	8 219 254	2 698 838	13 481 168	36 547 179
3811	SCIENTIFIC INSTRUMENTS					
	1958. . . . .	67 456	399 165	87 192	606 530	1 000 235
	1954. . . . .	47 786	229 446	67 769	358 998	636 484
381	SCIENTIFIC INSTRUMENTS					
	1958. . . . .	67 456	399 165	87 192	606 530	1 000 235
	1954. . . . .	47 786	229 446	67 769	358 998	636 484
3821	MECHANICAL MEASURING DEVICES					
	1958. . . . .	50 049	258 488	62 982	457 126	726 823
	1954. . . . .	44 976	200 420	61 842	341 835	541 238
3822	AUTOMATIC TEMPERATURE CONTROLS					
	1958. . . . .	25 513	128 974	35 599	258 969	359 430
	1954. . . . .	25 968	109 483	38 379	211 854	302 329
382	MECHANICAL MEASURING DEVICES					
	1958. . . . .	75 562	387 462	98 581	716 095	1 086 253
	1954. . . . .	70 944	309 903	100 221	553 689	843 567
3831	OPTICAL INSTRUMENTS AND LENSES					
	1958. . . . .	7 184	37 586	10 485	60 387	102 966
	1954. . . . .	8 749	38 352	13 426	55 371	83 339
383	OPTICAL INSTRUMENTS AND LENSES					
	1958. . . . .	7 184	37 586	10 485	60 387	102 966
	1954. . . . .	8 749	38 352	13 426	55 371	83 339
3841	SURGICAL & MEDICAL INSTRUMENTS					
	1958. . . . .	10 293	44 878	16 162	85 153	130 477
	1954. . . . .	7 758	28 221	12 924	50 954	80 570
3842	SURGICAL APPLIANCES & SUPPLIES					
	1958. . . . .	24 179	114 867	31 460	257 640	461 846
	1954. . . . .	22 529	88 830	30 483	177 329	352 990
3843	DENTAL EQUIPMENT AND SUPPLIES					
	1958. . . . .	7 242	34 775	10 188	71 574	115 667
	1954. . . . .	7 103	28 206	10 366	53 290	83 529
384	MEDICAL INSTRUMENTS & SUPPLIES					
	1958. . . . .	41 714	194 520	57 810	414 367	707 990
	1954. . . . .	37 390	145 257	53 773	281 573	517 089
3851	OPHTHALMIC GOODS					
	1958. . . . .	18 223	71 465	29 988	136 696	194 446
	1954. . . . .	18 464	64 536	29 960	107 059	159 061
385	OPHTHALMIC GOODS					
	1958. . . . .	18 223	71 465	29 988	136 696	194 446
	1954. . . . .	18 464	64 536	29 960	107 059	159 061
3861	PHOTOGRAPHIC EQUIPMENT					
	1958. . . . .	60 262	368 970	74 256	788 759	1 204 905
	1954. . . . .	63 008	308 324	86 196	595 900	928 157
386	PHOTOGRAPHIC EQUIPMENT					
	1958. . . . .	60 262	368 970	74 256	788 759	1 204 905
	1954. . . . .	63 008	308 324	86 196	595 900	928 157
3871	WATCHES AND CLOCKS					
	1958. . . . .	23 505	106 739	36 080	165 158	334 928
	1954. . . . .	25 708	103 232	39 125	181 868	343 786
3872	WATCHCASES					
	1958. . . . .	2 652	12 574	4 352	18 398	34 660
	1954. . . . .	3 795	15 957	6 612	18 808	35 229
387	WATCHES AND CLOCKS					
	1958. . . . .	26 157	119 313	40 432	183 556	369 588
	1954. . . . .	29 503	119 189	45 737	200 676	379 015
38	INSTRUMENTS & RELATED PRODUCTS					
	1958. . . . .	296 558	1 578 481	398 744	2 906 390	4 666 383
	1954. . . . .	275 844	1 215 007	397 082	2 153 266	3 546 712
3911	JEWELRY, PRECIOUS METAL					
	1958. . . . .	21 010	94 503	30 515	165 549	325 542
	1954. . . . .	23 455	90 373	36 438	149 600	273 537



## Appendix B. Industry Statistics Used for Weighting--Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3912	JEWELERS' FINDINGS & MATERIALS					
	1958. . . . .	5 101	20 669	8 005	33 434	71 878
	1954. . . . .	5 371	18 911	9 281	31 439	70 275
3913	LAPIDARY WORK					
	1958. . . . .	1 904	8 061	2 985	14 605	40 428
	1954. . . . .	1 759	5 459	2 757	11 181	40 266
3914	SILVERWARE AND PLATED WARE					
	1958. . . . .	13 852	62 318	21 851	109 728	196 055
	1954. . . . .	17 345	68 064	28 957	109 836	217 183
391	JEWELRY AND SILVERWARE					
	1958. . . . .	41 867	185 551	63 356	323 316	633 903
	1954. . . . .	47 930	182 807	77 433	302 056	601 261
3931	MUSICAL INSTRUMENTS AND PARTS					
	1958. . . . .	17 450	81 657	26 616	131 703	258 988
	1954. . . . .	16 948	67 237	28 857	103 157	187 312
393	MUSICAL INSTRUMENTS AND PARTS					
	1958. . . . .	17 450	81 657	26 616	131 703	258 988
	1954. . . . .	16 948	67 237	28 857	103 157	187 312
3941	GAMES AND TOYS, NEC					
	1958. . . . .	42 972	149 725	68 007	288 863	544 056
	1954. . . . .	38 242	113 208	60 813	206 706	391 323
3942	DOLLS					
	1958. . . . .	13 860	43 984	22 709	77 149	161 924
	1954. . . . .	15 119	38 938	24 618	66 351	145 210
3943	CHILDREN'S VEHICLES					
	1958. . . . .	4 708	19 625	7 712	31 727	70 438
	1954. . . . .	6 278	24 308	10 553	35 461	77 213
3949	SPORTING & ATHLETIC GOODS, NEC					
	1958. . . . .	37 164	148 477	57 370	314 059	577 815
	1954. . . . .	29 003	89 942	46 235	160 317	309 723
394	TOYS AND SPORTING GOODS					
	1958. . . . .	98 704	361 811	155 798	711 798	1 354 233
	1954. . . . .	88 642	266 396	142 219	468 835	923 469
3951	PENS AND MECHANICAL PENCILS					
	1958. . . . .	11 179	45 856	16 234	90 197	150 279
	1954. . . . .	10 975	44 547	16 541	85 362	132 544
3952	LEAD PENCILS AND ART GOODS					
	1958. . . . .	6 687	26 183	9 366	47 909	98 494
	1954. . . . .	6 942	23 720	10 650	42 275	84 189
3953	MARKING DEVICES					
	1958. . . . .	5 447	24 775	7 357	39 940	59 923
	1954. . . . .	5 654	21 857	8 123	34 763	54 289
3955	CARBON PAPER AND INKED RIBBONS					
	1958. . . . .	5 818	27 614	7 854	58 951	126 013
	1954. . . . .	4 742	19 344	6 671	39 749	85 666
395	OFFICE SUPPLIES					
	1958. . . . .	29 131	124 428	40 811	236 997	434 709
	1954. . . . .	28 313	109 468	41 985	202 149	356 688
3961	COSTUME JEWELRY					
	1958. . . . .	25 286	83 201	39 994	138 043	253 809
	1954. . . . .	27 744	79 017	46 679	131 791	249 560
3962	ARTIFICIAL FLOWERS					
	1958. . . . .	6 770	19 021	11 038	34 650	64 969
	1954. . . . .	7 306	17 299	12 009	29 924	52 968
3963	BUTTONS					
	1958. . . . .	6 462	21 526	10 425	37 967	68 609
	1954. . . . .	8 471	23 235	14 123	38 219	69 117
3964	NEEDLES, PINS, AND FASTENERS					
	1958. . . . .	17 756	69 873	26 723	127 664	220 517
	1954. . . . .	23 152	80 846	35 935	118 378	206 602
396	COSTUME JEWELRY AND NOTIONS					
	1958. . . . .	56 274	193 621	88 180	338 324	607 904
	1954. . . . .	66 673	200 397	108 746	318 312	578 247

## Appendix B. Industry Statistics Used for Weighting --Continued

## Part 2. 1954-1958 (new code)

SIC code	Industry group and industry	Employment, total (number)	Payroll, total (\$1,000)	Production worker man-hours (1,000)	Value added, adjusted (\$1,000)	Value of shipments (\$1,000)
3981	BROOMS AND BRUSHES					
	1958. . . . .	17 082	64 573	25 601	137 496	275 722
	1954. . . . .	16 466	53 618	25 048	100 748	222 308
3982	HARD SURFACE FLOOR COVERINGS					
	1958. . . . .	7 999	41 924	14 034	93 145	181 584
	1954. . . . .	9 638	43 596	17 382	103 265	187 304
3983	MATCHES					
	1958. . . . .	5 127	21 097	8 505	41 776	67 018
	1954. . . . .	6 191	21 308	10 290	35 561	60 765
3984	CANDLES					
	1958. . . . .	2 516	9 268	3 572	17 668	33 802
	1954. . . . .	3 010	9 420	4 716	17 012	30 437
3987	LAMP SHADES					
	1958. . . . .	3 895	11 401	6 439	18 577	34 066
	1954. . . . .	5 025	12 542	8 394	21 643	39 137
3988	MORTICIANS GOODS					
	1958. . . . .	17 362	73 736	27 760	128 879	237 773
	1954. . . . .	16 729	59 233	26 499	95 369	177 287
398	MISCELLANEOUS MANUFACTURING PART 1					
	1958. . . . .	53 981	221 999	85 911	437 541	829 965
	1954. . . . .	57 059	199 717	92 329	373 598	717 238
3992	FURS, DRESSED AND DYED					
	1958. . . . .	2 696	16 231	3 924	24 112	29 152
	1954. . . . .	3 459	16 420	4 822	24 005	29 199
3993	SIGNS AND ADVERTISING DISPLAYS					
	1958. . . . .	36 170	173 028	53 572	281 168	457 025
	1954. . . . .	33 555	135 475	51 642	219 775	361 819
3995	UMBRELLAS, PARASOLS AND CANES					
	1958. . . . .	2 932	10 129	4 929	16 602	35 161
	1954. . . . .	3 210	9 364	5 150	14 589	32 014
3999	MISCELLANEOUS PRODUCTS, NEC					
	1958. . . . .	27 285	109 053	42 116	192 313	358 076
	1954. . . . .	27 635	98 136	42 631	170 068	332 330
399	MISCELLANEOUS MANUFACTURING PART 2					
	1958. . . . .	69 083	308 441	104 541	514 195	879 414
	1954. . . . .	67 859	259 395	104 245	428 437	755 362
39	MISCELLANEOUS MANUFACTURING					
	1958. . . . .	366 490	1 477 508	565 213	2 693 874	4 999 116
	1954. . . . .	373 424	1 285 417	595 814	2 196 544	4 119 577





## **APPENDIX C. PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954**

Reprinted here as appendix C are the production indexes for 1947 and 1954 which appeared as table 2 of Volume IV, Indexes of Production: 1954 Census of Manufactures. Since that volume has been out of print for some years, this table has been reprinted and made a part of the present volume in order to make available for ready reference all of the indexes of production for the years following World War II in which a census of manufactures was conducted.



Table 2.—PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
	All manufacturing industries.....	100.00	100.00	100.00	128	126	131			
20	Food and kindred products.....	13.59	13.54	13.64	109	108	109			
21	Tobacco manufactures.....	.92	1.00	.83	108	107	109			
22	Textile mill products.....	5.84	4.97	6.88	105	103	107			
23	Apparel and related products.....	5.44	4.97	6.00	112	112	113			
24	Lumber and wood products.....	3.42	3.08	3.83	112	111	113			
25	Furniture and fixtures.....	1.76	1.73	1.80	124	122	125			
26	Pulp, paper and products.....	3.82	3.81	3.83	131	131	132			
27	Printing and publishing.....	5.47	5.38	5.58	126	126	127			
28	Chemicals and products.....	6.76	6.45	7.12	164	160	169			
29	Petroleum and coal products.....	2.31	2.18	2.48	131	130	132			
30	Rubber products.....	1.78	1.86	1.68	114	111	117	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
31	Leather and leather goods.....	2.02	2.01	2.04	90	89	90			
32	Stone, clay and glass products.....	3.23	3.37	3.06	124	123	125			
33	Primary metal industries.....	8.75	9.85	7.42	103	103	104			
34	Fabricated metal products.....	6.90	7.23	6.51	114	113	116			
35	Machinery, except electrical.....	10.98	11.51	10.34	116	114	119			
36	Electrical machinery.....	5.02	5.00	5.04	165	156	175			
37	Transportation equipment.....	7.87	8.04	7.68	189	182	197			
38	Instruments and related products.....	1.51	1.54	1.48	152	149	156			
39	Miscellaneous manufactures.....	2.50	2.38	2.65	129	123	135			
19	Ordinance and accessories.....	.11	.10	.11	1,704	1,704	1,704			
20	Food and kindred products.....	13.59	13.54	13.64	109	108	109			
201	Meat products.....	1.78	1.81	1.74	120	118	123			
2011	Meat packing plants.....	1.70	1.74	1.65	110	110	111	117	117	118
2013	Prepared meats.....	.08	.07	.09	340	326	352	359	345	371
2015	Poultry dressing plants.....	.08	.07	.09	340	326	352	359	345	371
202	Dairy products.....	2.28	2.33	2.23	105	104	105	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2021	Creamery butter*.....	.16	.14	.18	106	106	106	106	106	106
2022	Natural cheese**.....	.08	.08	.09	120	120	119	128	129	128
2023	Concentrated milk**.....	.21	.22	.20	85	85	84	96	97	96
2024	Ice cream and ices**.....	.40	.43	.36	82	82	82	96	96	96
2025	Special dairy products.....	.06	.06	.06	100	100	100	112	112	112
2026	Fluid milk and other products.....	1.37	1.40	1.34	114	114	114	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
2027	Fluid milk and other products.....	1.37	1.40	1.34	114	114	114	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
203	Canned and frozen foods.....	1.07	.98	1.18	146	144	149	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2031	Canned seafood.....	.10	.07	.12	107	108	106	112	113	110
2032	Cured fish.....	.01	.01	.01	103	103	104	102	101	102
2033	Canned fruits and vegetables.....	.75	.72	.79	124	124	125	123	122	123
2034	Dehydrated fruits and vegetables.....	.02	.02	.02	325	325	325	...	...	...
2035	Pickles and sauces.....	.12	.10	.16	154	155	153	137	138	136
2036	Packaged seafood.....	.07	.06	.08	387	367	408	346	328	364
2037	Frozen fruits and vegetables.....	.07	.06	.08	387	367	408	346	328	364
204	Grain-mill products.....	1.33	1.33	1.35	105	105	106	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2041	Flour and meal.....	.62	.62	.61	85	85	85	86	86	86
2045	Flour mixes.....	.49	.48	.51	131	131	131	132	132	132
2042	Prepared animal feeds.....	.18	.19	.17	98	98	98	119	119	119
2043	Cereal breakfast foods.....	.04	.04	.06	132	132	132	129	129	129
2044	Rice milling.....	.04	.04	.06	132	132	132	129	129	129
205	Bakery products.....	1.90	2.00	1.77	106	107	106	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2051	Bread and related products.....	1.55	1.65	1.42	102	103	102	102	103	102
2052	Biscuit and crackers.....	.35	.35	.35	126	125	126	126	126	127
206	Sugar.....	.29	.27	.30	106	105	106	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2061	Raw cane sugar.....	.02	.01	.02	118	117	119	120	119	121
2062	Cane sugar refining.....	.14	.14	.13	104	104	104	101	102	101
2063	Beet sugar.....	.13	.12	.15	106	106	106	105	105	105
207	Candy and related products.....	.70	.66	.76	98	98	98	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2071	Confectionery products.....	.50	.47	.53	98	98	98	99	99	99
2072	Chocolate and cocoa products.....	.11	.10	.13	90	90	89	94	94	93
2073	Chewing gum.....	.09	.09	.10	112	112	112	107	107	107
208	Beverages.....	2.39	2.30	2.49	103	104	102	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2081	Bottled soft drinks.....	.55	.55	.55	124	124	124	119	119	119
2082	Beer and ale.....	1.08	1.11	1.04	106	107	105	106	106	105
2083	Malt.....	.07	.06	.07	87	87	87	83	83	83
2084	Wines and brandy.....	.12	.12	.12	91	91	91	91	91	91
2085	Distilled liquor.....	.57	.46	.71	83	81	85	89	87	91
209	Miscellaneous foods.....	1.58	1.60	1.55	112	110	114	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2091	Leavening compounds.....	.06	.06	.06	83	83	83	93	94	93
2092	Shortening and cooking oils.....	.16	.12	.21	157	156	157	180	178	180
2093	Margarine**.....	.04	.03	.06	140	140	140	184	184	184
2094	Corn wet milling.....	.18	.19	.17	99	99	99	103	103	103
2095	Flavorings.....	.18	.16	.20	151	151	151	151	151	151

See footnotes at end of table.

Table 2.—PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
20	Food and kindred products--Continued									
209	Miscellaneous foods--Continued									
2097	Manufactured ice.....	.28	.27	.29	47	47	47	45	45	45
2098	Macaroni and spaghetti.....	.05	.05	.05	108	108	108	110	110	110
2099	Food preparations, n.e.c.....	.63	.72	.51	122	120	125	119	117	122
	Estimated undercoverage.....	.27	.26	.27	...	...	...	...	...	...
21	Tobacco manufactures.....	.92	1.00	.83	108	107	109	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2111	Cigarettes.....	.58	.67	.48	111	110	113	114	113	116
2121	Cigars.....	.17	.17	.18	109	109	109	110	110	110
2131	Chewing and smoking tobacco.....	.09	.09	.08	92	92	92	87	87	87
2141	Tobacco stemming and redrying.....	.08	.07	.09	98	97	99	100	99	101
22	Textile mill products.....	5.84	4.97	6.88	105	103	107	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
221	Woolen and worsted manufactures.....	.88	.77	1.02	61	62	61	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2211	Scouring and combing plants**.....	.04	.04	.05	95	95	95	59	59	60
2212	Yarn mills, wool, except carpets.....	.15	.13	.16	63	63	63	62	62	62
2213	Woolen and worsted fabrics.....	.67	.57	.78	57	58	57	59	59	59
2216	Finishing wool textiles.....	.02	.03	.03	95	95	95	...	...	...
222	Yarn and thread mills.....	.57	.44	.73	103	103	103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2222	Yarn throwing mills.....	.05	.04	.06	148	148	148	128	128	128
2223	Thread mills.....	.07	.06	.09	126	125	126	130	130	131
2224	Yarn mills, cotton system.....	.45	.34	.58	94	94	94	107	107	108
223	Broad-woven fabrics.....	1.90	1.43	2.46	120	116	122	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2233	Cotton broad-woven fabrics.....	1.46	1.11	1.88	112	109	114	105	102	107
2234	Synthetic broad-woven fabrics.....	.44	.32	.58	146	141	149	141	136	144
2241	Narrow fabric mills.....	.11	.08	.14	169	169	169	177	177	177
225	Knitting mills.....	.97	.86	1.10	118	118	118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2251	Full-fashioned hosiery mills.....	.32	.24	.41	120	120	120	117	117	117
2252	Seamless hosiery mills.....	.19	.18	.21	121	120	122	120	119	121
2253	Knit outerwear mills**.....	.18	.18	.19	138	138	138	135	135	135
2254	Knit underwear mills**.....	.16	.15	.17	81	81	80	85	85	84
2255	Knit glove mills**.....	.02	.01	.02	45	45	45	73	73	74
2256	Knit fabric mills.....	.09	.09	.09	138	138	137	131	132	130
2259	Knitting mills, n.e.c.....	.01	.01	.01	155	152	159	...	...	...
2261	Finishing textiles, except wool**.....	.46	.46	.47	110	110	110	110	110	110
227	Carpets and rugs.....	.41	.40	.42	101	96	107	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2271	Wool carpets and rugs.....	.26	.25	.27	81	79	84	75	73	78
2273	Carpets and rugs, except wool.....	.03	.02	.04	324	333	316	388	408	372
2274	Hard-surface floor coverings.....	.12	.13	.11	88	88	87	87	88	86
228	Hats, except cloth and millinery.....	.12	.12	.12	59	56	62	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2281	Fur-felt hats and hat bodies.....	.09	.09	.08	50	47	53	50	47	53
2282	Wool-felt hats and hat bodies.....	.01	.01	.02	72	72	72	76	76	76
2283	Straw hats.....	.01	.01	.01	128	125	131	...	...	...
2284	Hatter's fur.....	.01	.01	.01	45	45	45	42	42	42
229	Miscellaneous textile goods.....	.38	.38	.38	110	109	112	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2291	Felt goods, n.e.c.....	.04	.04	.03	124	118	131	120	115	128
2292	Lace goods.....	.05	.04	.06	91	88	93	...	...	...
2293	Padding and upholstery filling.....	.06	.06	.06	111	111	110	109	110	109
2294	Processed textile waste.....	.03	.03	.03	110	108	114	103	101	106
2295	Coated fabric, except rubberized.....	.07	.08	.07	109	112	106	118	121	114
2298	Cordage and twine.....	.09	.10	.09	92	88	96	79	76	83
2299	Textile goods, n.e.c.....	.04	.03	.04	173	171	174	171	170	172
	Estimated undercoverage.....	.04	.03	.04	...	...	...	...	...	...
23	Apparel and related products.....	5.44	4.97	6.00	112	112	113	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
231	Men's and boys' suits and coats.....	.82	.78	.87	76	76	75	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2311	Men's and boys' suits and coats.....	.80	.76	.85	76	76	75	75	76	75
2312	Suit and coat findings.....	.02	.02	.02	73	73	74	...	...	...
232	Men's and boys' furnishings.....	.95	.87	1.04	126	124	129	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2321	Men's dress shirts and nightwear.....	.34	.31	.38	134	129	138	134	129	138
2322	Men's and boys' underwear.....	.02	.02	.03	157	148	167	112	106	119
2323	Men's and boys' neckwear.....	.06	.06	.06	87	87	87	87	87	87
2325	Men's and boys' cloth hats.....	.03	.02	.03	155	153	158	160	158	162
2326	Hat and cap materials.....	.01	( <sup>3</sup> )	.01	148	147	149	...	...	...
2327	Separate trousers**.....	.19	.18	.20	114	110	119	110	106	114
2328	Work shirts.....									
2329	Men's and boys' clothing, n.e.c.....	.30	.28	.33	128	131	126	130	132	128

See footnotes at end of table.



Table 2.—PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954—Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> —			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on—			Product <sup>2</sup> indexes based on—		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
23	Apparel and related products—Continued									
233	Women's and misses' outerwear.....	1.65	1.48	1.85	123	123	122	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2331	Blouses.....	.14	.13	.16	152	137	166	153	137	167
2333	Dresses, unit-price.....	.70	.62	.79	111	116	107	105	109	101
2334	Dresses, dozen-price.....	.19	.18	.20	120	123	117	125	128	121
2337	Women's suits, coats, and skirts.....	.54	.48	.62	120	119	121	119	118	120
2338	Women's neckwear and scarfs.....	.02	.02	.02	53	52	53	...	...	...
2339	Women's outerwear, n.e.c.**.....	.06	.05	.06	244	243	245	150	150	151
234	Women's undergarments.....	.45	.41	.50	132	134	130	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2341	Women's and children's underwear.....	.25	.21	.30	146	151	141	135	140	131
2342	Corsets and allied garments.....	.20	.20	.20	115	115	114	116	116	116
2351	Millinery.....	.12	.11	.13	99	99	100	...	...	...
236	Children's outerwear.....	.21	.20	.23	181	178	184	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2361	Children's dresses.....	.09	.09	.10	159	159	159	150	150	150
2363	Children's coats.....	.06	.06	.07	132	131	133	140	139	141
2369	Children's outerwear, n.e.c.**.....	.06	.05	.06	271	269	274	246	244	249
2371	Fur goods.....	.14	.12	.16	65	65	66	...	...	...
238	Miscellaneous apparel.....	.26	.24	.28	125	122	128	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2381	Fabric dress gloves**.....	.02	.02	.02	114	115	114	78	78	78
2382	Fabric work gloves.....	.04	.03	.05	95	95	95	90	90	90
2383	Suspenders and garters**.....	.01	.01	.01	60	60	60	57	57	57
2384	Robes and dressing gowns.....	.05	.04	.05	119	117	120	115	114	117
2385	Waterproof outer garments.....	.04	.04	.04	152	151	153	...	...	...
2386	Leather and sheep-lined clothing.....	.02	.02	.02	142	134	151	151	143	160
2387	Belts.....	.05	.05	.05	142	130	156	146	133	160
2388	Handkerchiefs.....	.02	.02	.03	83	82	83	79	79	79
2389	Apparel, n.e.c.....	.01	.01	.01	208	207	210	...	...	...
239	Fabricated textiles, n.e.c.....	.61	.56	.69	125	122	127	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2391	Curtains and draperies.....	.04	.03	.05	205	208	203	198	201	195
2392	Housefurnishings, n.e.c.**.....	.19	.18	.20	106	106	105	129	129	129
2393	Textile bags.....	.08	.07	.09	79	79	79	...	...	...
2394	Canvas products.....	.05	.05	.05	146	145	147	...	...	...
2395	Tucking, pleating, and stitching.....	.02	.02	.03	141	140	141	...	...	...
2396	Trimnings and art goods.....	.06	.05	.08	195	194	196	...	...	...
2397	Schiffli-machine embroideries.....	.03	.03	.04	122	121	122	...	...	...
2398	Embroideries, except Schiffli.....	.04	.04	.05	130	129	131	...	...	...
2399	Textile products, n.e.c.....	.10	.09	.10	105	100	110	112	107	117
	Estimated undercoverage.....	.23	.20	.25	...	...	...	...	...	...
24	Lumber and wood products.....	3.42	3.08	3.83	112	111	113	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2411	Logging camps and contractors.....	.38	.37	.38	112	112	112	...	...	...
242	Lumber and basic products.....	1.75	1.49	2.06	115	114	116	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2421	Sawmills and planing mills.....	1.65	1.41	1.95	114	114	115	116	116	117
2422	Veneer mills.....	.04	.03	.05	204	204	204	193	193	193
2423	Shingle mills.....	.02	.01	.02	144	144	144	132	132	132
2424	Cooperage stock mills.....	.03	.03	.03	38	38	39	38	38	38
2425	Excelsior mills.....	.01	.01	.01	137	137	137	125	125	125
243	Millwork and related products.....	.53	.49	.59	158	157	159	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2431	Millwork plants.....	.31	.29	.35	142	141	143	...	...	...
2432	Plywood plants.....	.17	.15	.19	177	177	178	180	179	180
2433	Prefabricated wood products.....	.05	.05	.05	190	188	192	201	199	203
244	Wooden containers.....	.30	.29	.30	81	80	83	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2441	Fruit and vegetable baskets.....	.02	.02	.02	89	88	90	...	...	...
2442	Rattan and willow ware.....	.01	( <sup>3</sup> )	.01	135	134	136	...	...	...
2443	Cigar boxes.....	.01	.01	.01	87	86	87	...	...	...
2444	Wooden boxes.....	.22	.21	.22	86	85	86	...	...	...
2445	Cooperage.....	.04	.05	.04	50	50	49	58	58	57
249	Miscellaneous wood products.....	.32	.31	.34	98	97	98	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2491	Wood preserving.....	.11	.10	.12	76	75	77	...	...	...
2492	Lasts and related products.....	.01	.01	.01	63	63	64	58	58	59
2493	Mirror and picture frames.....	.02	.02	.02	166	164	167	...	...	...
2499	Wood products, n.e.c.....	.18	.18	.19	106	105	107	...	...	...
	Estimated undercoverage.....	.14	.13	.16	...	...	...	...	...	...
25	Furniture and fixtures.....	1.76	1.73	1.80	124	122	125	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
251	Household furniture.....	1.18	1.16	1.21	123	123	123	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2511	Wood furniture, not upholstered.....	.62	.61	.63	104	104	103	268	270	266
2512	Upholstered household furniture.....	.25	.25	.25	138	138	138	137	137	137
2514	Metal household furniture.....	.12	.12	.13	174	172	176	104	103	105
2515	Mattresses and bedsprings.....	.18	.17	.19	139	138	140	141	141	142
2519	Household furniture, n.e.c.**.....	.01	.01	.01	97	96	98	...	...	...

See footnotes at end of table.

Table 2.--PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
					Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
		1954 and 1947	1954	1947	Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
25	Furniture and fixtures--Continued									
252	Office furniture.....	.14	.15	.13	111	111	111	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2521	Wood office furniture.....	.03	.04	.03	83	83	83	72	72	72
2522	Metal office furniture.....	.11	.11	.10	121	121	120	120	120	120
253	Public and professional furniture.....	.09	.08	.09	166	164	168	...	...	...
2531	Public-building furniture.....	.06	.05	.06	183	181	185	...	...	...
2532	Professional furniture**.....	.03	.03	.03	137	135	138	...	...	...
2541	Partitions and fixtures.....	.18	.18	.18	141	139	142	...	...	...
256	Screens, shades, and blinds**.....	.09	.08	.10	156	141	169	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2561	Window and door screens.....	.02	.02	.02	144	144	144	155	155	155
2562	Window shades.....	.03	.03	.03	98	97	99	...	...	...
2563	Venetian blinds.....	.04	.03	.05	215	194	230	188	170	201
259	Furniture and fixtures, n.e.c.....	.02	.02	.03	128	127	130	...	...	...
2591	Restaurant furniture.....	.02	.02	.02	122	121	124	...	...	...
2599	Furniture and fixtures, n.e.c.**.....	( <sup>5</sup> )	( <sup>5</sup> )	.01	151	149	152	...	...	...
	Estimated undercoverage.....	.06	.06	.06	...	...	...	...	...	...
26	Pulp, paper and products.....	3.82	3.81	3.83	131	131	132	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
261	Pulp, paper and board.....	1.90	1.90	1.90	133	133	133	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2611	Pulp mills.....	.52	.50	.54	151	152	149	152	154	150
2612	Paper and paper board mills.....	1.25	1.27	1.23	126	125	126	126	125	126
2613	Building paper and board mills.....	.13	.13	.13	130	127	134	123	120	127
2641	Paper coating and glazing.....	.24	.25	.22	120	120	119	127	127	126
2651	Envelopes.....	.09	.09	.09	121	121	121	130	130	130
2661	Paper bags.....	.14	.13	.15	181	178	184	165	162	168
267	Paperboard containers.....	.84	.83	.87	126	126	126	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2671	Paperboard boxes.....	.79	.77	.82	125	125	125	127	126	127
2674	Fiber cans, tubes, drums, etc.....	.05	.06	.05	139	140	138	146	147	145
269	Pulp, paper and board products, n.e.c....	.56	.57	.55	140	138	143	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2691	Die-cut paper and board.....	.07	.07	.07	165	161	171	157	153	163
2693	Wallpaper.....	.04	.04	.04	49	49	49	49	49	49
2694	Pulp goods, pressed and molded.....	.01	.01	.01	221	220	222	...	...	...
2699	Paper and board products, n.e.c.....	.44	.45	.43	143	140	145	141	138	143
	Estimated undercoverage.....	.05	.04	.05	...	...	...	...	...	...
27	Printing and publishing.....	5.47	5.38	5.58	126	126	127	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2711	Newspapers.....	1.82	1.82	1.82	127	127	127	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
2721	Periodicals.....	.74	.67	.83	131	128	133	133	131	135
273	Books.....	.44	.45	.42	129	128	129	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2731	Books: publishing and printing.....	.36	.37	.34	115	115	115	116	116	116
2732	Book printing**.....	.08	.08	.08	192	192	192	...	...	...
2741	Miscellaneous publishing.....	.09	.09	.09	184	184	184	...	...	...
2751	Commercial printing.....	1.24	1.22	1.26	120	120	120	...	...	...
2761	Lithographing.....	.39	.38	.41	162	162	162	...	...	...
2771	Greeting cards.....	.10	.10	.10	139	139	139	...	...	...
278	Bookbinding and related industries.....	.23	.23	.23	94	94	94	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2781	Bookbinding.....	.11	.11	.11	80	80	80	...	...	...
2782	Blankbooks and paper ruling**.....	.05	.05	.05	108	108	108	...	...	...
2783	Loose-leaf binders and devices*.....	.05	.05	.05	112	112	112	...	...	...
2789	Miscellaneous bookbinding work.....	.02	.02	.02	107	107	107	...	...	...
279	Printing trades services.....	.34	.34	.34	117	117	117	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2791	Typesetting.....	.09	.09	.09	133	133	134	...	...	...
2792	Engraving and plate printing.....	.04	.04	.04	110	110	111	...	...	...
2793	Photoengraving.....	.15	.15	.15	108	107	108	...	...	...
2794	Electrotyping and stereotyping.....	.06	.06	.06	121	121	121	...	...	...
	Estimated undercoverage.....	.08	.08	.08	...	...	...	...	...	...
28	Chemicals and products.....	6.76	6.45	7.12	164	160	169	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
281	Inorganic chemicals.....	.70	.72	.68	219	207	234	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2811	Sulfuric acid.....	.53	.53	.53	243	229	259	187	184	192
2819	Inorganic chemicals, n.e.c. <sup>6</sup> .....									
2812	Alkalies and chlorine.....	.17	.19	.15	145	145	145	140	140	141

See footnotes at end of table.



Table 2.—PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954—Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in—			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on—			Product <sup>2</sup> indexes based on—		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
28	Chemicals and products—Continued									
282	Organic chemicals.....	1.95	1.90	2.01	186	184	189	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2821	Cyclic (coal-tar) crudes**.....	.03	.03	.02	88	88	89	82	81	82
2822	Intermediates and organic colors* **..	.36	.38	.34	108	103	115	132	126	140
2823	Plastics materials.....	.27	.27	.27	254	237	273	258	241	277
2824	Synthetic rubber.....	.13	.14	.13	115	115	115	122	122	122
2825	Synthetic fibers.....	.51	.46	.56	169	169	169	168	168	168
2826	Explosives <sup>6</sup> .....	.10	.11	.10	210	209	212	222	221	224
2829	Organic chemicals, n.e.c.....	.55	.51	.59	237	248	227	220	230	210
283	Drugs and medicines.....	.84	.74	.97	195	195	195	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2831	Biological products**.....	.02	.02	.02	191	191	191	...	...	...
2833	Medicinal chemicals (including botanicals)* **.....	.13	.11	.16	137	137	137	...	...	...
2834	Pharmaceutical preparations.....	.69	.61	.79	206	206	206	...	...	...
284	Soap and related products**.....	.78	.77	.79	131	117	147	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2841	Soap and glycerin**.....	.58	.57	.58	109	97	120	101	90	111
2842	Cleaning and polishing products**.....	.18	.18	.18	205	179	237	236	205	272
2843	Sulfonated oils and assistants*.....	.02	.02	.03	135	134	135	145	145	145
285	Paints and allied products.....	.87	.90	.83	107	107	107	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2851	Paints and varnishes.....	.67	.68	.65	110	110	110	111	111	111
2852	Inorganic color pigments.....	.19	.21	.17	96	97	94	103	104	101
2853	Whiting and fillers**.....	.01	.01	.01	115	110	120	139	133	145
286	Gum and wood chemicals.....	.08	.07	.10	117	116	118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2861	Hardwood distillation.....	.01	.01	.01	93	96	89	83	86	80
2862	Softwood distillation*.....	.06	.05	.08	130	131	129	119	119	118
2863	Gum naval stores.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	72	72	72	69	70	69
2865	Tanning and dyeing materials.....	.01	.01	.01	66	68	64	53	54	51
2871	Fertilizers.....	.21	.18	.24	153	154	153	157	158	157
2872	Fertilizers, mixing only.....									
288	Vegetable and animal oils.....	.44	.29	.61	146	144	147	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2881	Cottonseed oil mills.....	.10	.07	.14	168	168	168	177	177	177
2882	Linseed oil mills.....	.03	.01	.05	132	128	134	205	199	208
2883	Soybean oil mills.....	.10	.07	.14	181	179	182	138	137	139
2884	Vegetable oil mills, n.e.c.*.....	.07	.04	.10	66	66	66	53	53	53
2886	Grease and tallow**.....	.10	.07	.14	148	139	153	137	129	142
2887	Fatty acids* **.....	.02	.02	.02	137	112	155	114	93	129
2889	Animal oils, n.e.c.**.....	.02	.01	.02	151	147	155	...	...	...
289	Chemical products, n.e.c.....	.89	.88	.89	143	139	148	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2891	Printing ink.....	.07	.07	.07	129	130	129	133	133	132
2892	Essential oils**.....	.01	.01	.02	65	66	63	106	109	104
2893	Toilet preparations.....	.30	.30	.30	154	153	155	148	147	148
2894	Glue and gelatin**.....	.08	.08	.08	93	86	101	115	106	125
2895	Carbon black.....	.06	.06	.06	106	109	103	101	104	98
2896	Compressed and liquefied gases.....	.09	.08	.09	146	146	146	145	145	144
2897	Insecticides and fungicides.....	.03	.03	.03	286	261	311	234	214	255
2898	Salt.....	.05	.05	.03	100	99	102	107	106	109
2899	Chemical products, n.e.c.**.....	.20	.20	.21	156	147	166	152	144	162
29	Petroleum and coal products.....	2.31	2.18	2.48	131	130	132	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2911	Petroleum refining.....									
2992	Lubricants, n.e.c.....	1.72	1.54	1.94	141	142	140	138	139	137
293	Coke and byproducts.....	.38	.44	.32	92	92	91	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2931	Beehive coke ovens**.....	.03	.03	.03	10	10	10	9	10	9
2932	Byproducts coke ovens.....	.35	.41	.29	98	98	98	98	98	98
295	Paving and roofing materials.....	.19	.18	.20	119	118	119	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
2951	Paving mixtures and blocks.....	.03	.03	.03	206	206	205	175	176	175
2952	Roofing felts and coatings.....	.16	.15	.17	104	103	104	102	101	102
2999	Petroleum and coal products, n.e.c.**.....	.02	.02	.02	113	113	113	127	127	127
30	Rubber products.....	1.78	1.86	1.68	114	111	117	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3011	Tires and inner tubes.....	.93	1.00	.84	92	92	92	86	85	86
3021	Rubber footwear.....	.16	.16	.16	69	69	68	84	84	84
3031	Reclaimed rubber**.....	.01	.01	.01	209	210	208	91	92	91
3099	Rubber industries, n.e.c.....	.68	.69	.67	152	147	158	152	147	158
31	Leather and leather goods.....	2.02	2.01	2.04	90	89	90	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3111	Leather tanning and finishing.....	.45	.39	.52	82	81	82	78	77	79
3121	Industrial leather belting.....	.03	.03	.04	106	106	106	...	...	...
3131	Footwear cut stock.....	.11	.11	.11	83	84	83	82	83	82

See footnotes at end of table.

Table 2.--PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
31	Leather and leather goods--Continued									
314	Footwear, except rubber.....	1.10	1.17	1.02	91	91	92	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3141	Footwear, except rubber.....	1.06	1.13	.97	90	90	90	91	90	91
3142	House slippers.....	.04	.04	.05	123	122	125	113	112	114
315	Leather gloves.....	.04	.04	.04	71	72	69	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3151	Leather dress gloves.....	.03	.03	.03	59	61	58	51	52	50
3152	Leather work gloves.....	.01	.01	.01	99	98	101	101	99	102
3161	Luggage.....	.09	.08	.09	127	123	130	111	108	115
317	Purses and small leather goods.....	.11	.10	.13	135	134	136	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3171	Handbags and purses.....	.09	.08	.10	132	132	132	128	128	128
3172	Small leather goods.....	.02	.02	.03	145	138	151	149	142	156
319	Miscellaneous leather goods.....	.04	.04	.04	79	78	81	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3192	Saddlery, harness, and whips.....	.01	.01	.01	44	44	44	46	46	46
3199	Leather goods, n.e.c.....	.03	.03	.03	96	95	96	...	...	...
	Estimated undercoverage.....	.05	.05	.05	...	...	...	...	...	...
32	Stone, clay, and glass products.....	3.23	3.37	3.06	124	123	125	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3211	Flat glass.....	.22	.22	.21	123	123	124	125	124	126
322	Pressed and blown glassware.....	.60	.65	.55	113	111	114	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3221	Glass containers.....	.37	.41	.33	100	99	102	99	98	100
3229	Pressed and blown glass, n.e.c.....	.23	.24	.22	132	132	133	125	125	126
3231	Products of purchased glass.....	.16	.15	.17	138	138	137	168	169	167
3241	Cement, hydraulic.....	.38	.42	.32	136	136	136	142	142	142
325	Structural clay products.....	.38	.40	.36	116	116	118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3251	Brick and hollow tile.....	.15	.15	.14	132	132	132	130	130	129
3253	Floor and wall tile.....	.04	.04	.04	180	179	180	159	159	160
3254	Sewer pipe.....	.05	.05	.05	118	118	118	126	126	126
3255	Clay refractories.....	.11	.13	.10	78	78	78	74	73	74
3259	Structural clay products, n.e.c.**.....	.03	.03	.03	97	97	97	102	102	102
326	Pottery and related products.....	.31	.32	.29	89	88	89	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3261	Vitreous plumbing fixtures.....	.06	.07	.06	129	129	129	131	131	131
3262	Vitreous-china food utensils.....	.05	.05	.04	78	77	79	78	78	80
3263	Earthenware food utensils.....	.08	.08	.07	67	67	67	76	76	76
3264	Porcelain electrical supplies.....	.07	.07	.07	81	81	82	...	...	...
3265	China decorating for the trade.....	.01	.01	.01	34	33	34	...	...	...
3269	Pottery products, n.e.c.....	.04	.04	.04	104	103	105	...	...	...
327	Concrete and plaster products.....	.44	.44	.45	174	174	174	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3271	Concrete products.....	.24	.23	.26	188	188	188	173	173	173
3272	Gypsum products.....	.10	.10	.09	177	176	178	172	171	173
3274	Lime.....	.05	.05	.05	115	115	115	106	106	106
3275	Mineral wool.....	.05	.06	.05	162	172	150	153	163	142
3281	Cut-stone and stone products.....	.06	.06	.05	231	231	231	...	...	...
329	Nonmetallic mineral products, n.e.c.....	.60	.62	.58	116	115	118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3291	Abrasive products.....	.18	.18	.17	112	112	111	110	111	109
3292	Asbestos products.....	.15	.15	.15	137	133	142	133	129	138
3293	Gaskets and asbestos insulations**.....	.09	.09	.09	95	95	96	97	97	97
3295	Minerals: ground or treated.....	.07	.08	.07	124	123	125	...	...	...
3297	Nonclay refractories.....	.08	.09	.07	94	94	96	97	96	99
3298	Statuary and art goods.....	.01	.01	.01	88	87	89	...	...	...
3299	Nonmetallic mineral products, n.e.c....	.02	.02	.02	177	177	177	...	...	...
	Estimated undercoverage.....	.08	.09	.08	...	...	...	...	...	...
33	Primary metal industries.....	8.75	9.85	7.42	103	103	104	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
331	Blast furnaces and steel mills.....	4.64	5.38	3.75	104	104	104	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3311	Blast furnaces.....	.10	.13	.07	99	99	99	99	99	100
3313	Electrometallurgical products.....									
3312	Steel works and rolling mills.....									
3393	Welded and heavy-riveted pipe.....	4.54	5.25	3.68	104	104	104	104	104	104
3399	Primary metal industries, n.e.c.....									
332	Iron and steel foundries.....	1.61	1.74	1.45	83	83	84	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3321	Gray-iron foundries.....	1.05	1.12	.95	81	81	82	83	83	84
3322	Malleable-iron foundries.....	.15	.15	.16	99	99	99	99	99	99
3323	Steel foundries.....	.41	.47	.34	82	82	82	77	78	77

See footnotes at end of table.



Table 2.—PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954—Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
33	Primary metal industries--Continued									
333	Primary nonferrous metals.....	.38	.39	.37	174	169	180	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3331	Primary copper.....	.14	.16	.12	105	105	105	98	98	98
3332	Primary lead.....	.04	.03	.05	112	113	112	100	100	100
3333	Primary zinc.....	.09	.08	.10	114	114	114	100	100	100
3334	Primary aluminum.....	.10	.11	.08	262	262	262	255	255	255
3339	Primary nonferrous metals, n.e.c.**...	.01	.01	.02	880	892	873	521	528	517
3341	Secondary nonferrous metals**.....	.17	.18	.15	85	84	85	86	85	86
335	Nonferrous rolling and drawing.....	.75	.83	.65	112	112	113	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3351	Copper rolling and drawing.....	.45	.50	.39	91	91	91	94	94	94
3352	Aluminum rolling and drawing.....	.23	.26	.20	141	139	144	129	127	132
3359	Rolling and drawing, n.e.c.....	.07	.07	.06	152	153	150	...	...	...
3361	Nonferrous foundries.....	.44	.48	.39	107	107	108	104	103	105
339	Primary metal industries, n.e.c.**.....	.76	.85	.66	99	98	100	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3391	Iron and steel forgings**.....	.29	.32	.25	105	104	106	99	98	100
3392	Wire drawing**.....	.47	.53	.41	96	95	97	100	100	101
34	Fabricated metal products.....	6.90	7.23	6.51	114	113	116	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3411	Tin cans and other tinware.....	.34	.39	.30	135	135	135	137	137	138
342	Cutlery, tools, and hardware.....	1.02	1.08	.94	105	104	106	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3421	Cutlery.....	.13	.13	.14	100	99	101	91	90	92
3422	Edge tools.....	.06	.06	.05	83	83	85	83	82	85
3423	Hand tools, n.e.c.....	.26	.29	.22	61	61	62	65	65	66
3424	Files.....	.03	.03	.03	77	77	77	80	80	80
3425	Hand-saws and saw blades*.....	.06	.07	.05	83	81	86	70	68	73
3429	Hardware, n.e.c.....	.48	.50	.45	137	138	136	135	136	133
343	Heating and plumbing equipment.....	1.04	1.05	1.03	87	85	89	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3431	Plumbing fixtures and fittings.....	.22	.23	.21	115	115	116	115	114	116
3439	Heating and cooking equipment, n.e.c..	.82	.82	.82	79	77	82	84	81	86
344	Structural metal products.....	1.55	1.59	1.51	150	147	154	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3441	Structural and ornamental work.....	.62	.65	.58	151	148	154	158	155	162
3442	Metal doors, sash, and trim.....	.17	.17	.17	231	217	249	229	215	247
3443	Boiler shop products.....	.46	.45	.47	133	133	133	138	138	138
3444	Sheet-metal work.....	.30	.32	.29	130	129	132	...	...	...
346	Metal stamping and coating.....	1.20	1.26	1.12	107	107	108	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3461	Vitreous-enamelled products* **.....	.06	.06	.05	71	70	72	...	...	...
3461	Metal stamping.....	.90	.95	.84	106	105	106	97	96	97
3465	Enameling and lacquering.....	.02	.02	.02	140	139	142	...	...	...
3466	Galvanizing.....	.02	.02	.02	90	89	82	...	...	...
3467	Engraving on metal.....	.02	.02	.02	97	96	99	...	...	...
3468	Plating and polishing.....	.18	.19	.17	125	124	127	...	...	...
3471	Lighting fixtures.....	.33	.34	.31	102	101	104	...	...	...
348	Fabricated wire products**.....	.40	.42	.36	111	109	113	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3481	Nails and spikes**.....	.02	.02	.02	87	86	89	83	82	84
3489	Wirework, n.e.c.**.....	.38	.40	.34	112	110	115	109	108	112
349	Metal products, n.e.c.....	.91	.98	.83	116	114	119	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3491	Metal barrels, drums, and pails.....	.09	.11	.08	87	87	87	82	82	82
3492	Safes and vaults.....	.03	.03	.03	95	95	96	82	82	82
3493	Steel springs*.....	.06	.06	.06	95	93	96	75	74	76
3494	Bolts, nuts, washers, and rivets.....	.43	.47	.37	94	94	94	91	91	91
3495	Screw machine products.....	.19	.20	.19	134	133	136	...	...	...
3496	Collapsible tubes.....	.02	.02	.02	119	116	123	131	127	136
3497	Metal foil.....	.03	.03	.03	253	254	252	229	230	227
3499	Fabricated metal products, n.e.c.*.....	.06	.06	.05	241	238	245	...	...	...
	Estimated undercoverage.....	.11	.12	.11	...	...	...	...	...	...
35	Machinery, except electrical.....	10.98	11.51	10.34	116	114	119	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
351	Engines and turbines.....	.53	.56	.51	128	128	129	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3511	Steam engines and turbines.....	.14	.17	.11	204	191	226	234	218	259
3519	Internal combustion engines.....	.39	.39	.40	102	101	103	103	102	105
352	Tractors and farm machinery.....	1.11	1.23	.97	94	92	98	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3521	Tractors.....	.51	.58	.43	95	96	93	99	100	97
3522	Farm machinery (except tractors).....	.60	.65	.54	94	88	101	95	89	103
353	Construction and mining machinery.....	.91	.96	.85	101	99	102	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3531	Construction and mining machinery.....	.67	.70	.63	89	87	91	94	92	96
3532	Oil-field machinery and tools.....	.24	.26	.22	134	133	136	134	133	136

See footnotes at end of table.

Table 2.--PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
35	Machinery, except electrical--Continued									
354	Metalworking machinery.....	1.63	1.76	1.49	139	138	141	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3541	Machine tools.....	.50	.56	.43	141	142	140	150	151	149
3542	Metalworking machinery.....	.45	.49	.40	108	108	109	111	110	111
3544	Special dies and tools**.....	.68	.71	.66	158	155	162	130	129	131
3545	Metalworking machinery attachments....									
355	Special-industry machinery, n.e.c.....	1.49	1.58	1.36	84	83	87	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3551	Food-products machinery.....	.27	.29	.25	97	96	97	64	63	64
3552	Textile machinery.....	.36	.37	.33	64	63	66	47	44	51
3553	Woodworking machinery.....	.13	.13	.12	84	82	86	...	...	...
3554	Paper-industries machinery.....	.11	.13	.10	100	98	102	...	...	...
3555	Printing-trades machinery.....	.22	.24	.18	80	77	85	75	72	80
3559	Special-industry machinery, n.e.c.**..	.40	.42	.38	92	90	94	...	...	...
356	General industrial machinery.....	1.68	1.78	1.55	113	113	114	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3561	Pumps and compressors.....	.42	.46	.38	116	117	115	118	119	116
3562	Elevators and escalators.....	.09	.09	.09	126	126	126	...	...	...
3563	Conveyors.....	.21	.24	.19	130	129	131	124	124	126
3564	Blowers and fans.....	.11	.12	.11	143	140	146	...	...	...
3565	Industrial trucks and tractors.....	.11	.12	.10	111	111	110	113	114	113
3566	Power-transmission equipment.....	.38	.39	.36	108	108	109	104	104	105
3567	Industrial furnaces and ovens.....	.06	.06	.05	146	145	147	165	164	166
3568	Mechanical stokers* **.....	.04	.04	.03	24	25	23	30	31	29
3569	General industrial machinery, n.e.c.**	.26	.26	.24	89	87	91	...	...	...
357	Office and store machines.....	.63	.60	.65	142	138	146	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3571	Computing and related machines.....	.27	.24	.29	185	186	184	152	153	151
3572	Typewriters.....	.15	.14	.16	101	98	105	85	82	88
3576	Scales and balances.....	.05	.05	.05	88	86	90	86	84	88
3579	Office and store machines, n.e.c.....	.16	.17	.15	125	121	130	107	104	112
358	Service and household machines.....	1.45	1.44	1.47	121	116	127	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3581	Domestic laundry equipment.....	.21	.21	.21	110	106	114	129	124	134
3582	Laundry and dry-cleaning machinery....	.08	.09	.07	71	68	75	57	55	61
3583	Sewing machines.....	.09	.09	.09	81	81	81	88	87	88
3584	Vacuum cleaners.....	.13	.13	.12	75	75	76	73	73	74
3585	Refrigeration machinery.....	.76	.73	.80	150	144	155	151	146	157
3586	Measuring and dispensing pumps*.....	.09	.10	.09	69	69	70	64	63	65
3589	Service and household machines, n.e.c.	.09	.09	.09	108	102	115	113	107	121
359	Miscellaneous machinery parts.....	1.42	1.46	1.37	142	141	144	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3591	Valves and fittings, except plumbing..	.54	.57	.51	107	107	108	116	115	117
3592	Fabricated pipe and fittings.....	.08	.09	.08	149	147	153	...	...	...
3593	Ball and roller bearings.....	.32	.31	.33	119	118	119	...	...	...
3594	Industrial patterns and molds**.....	.08	.08	.07	214	210	219	...	...	...
3599	Machine shops.....	.40	.41	.38	193	190	198	...	...	...
	Estimated undercoverage.....	.13	.14	.12	...	...	...	...	...	...
36	Electrical machinery.....	5.02	5.00	5.04	165	156	175	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
361	Electrical industrial apparatus.....	2.17	2.24	2.08	133	133	134	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3611	Wiring devices and supplies.....	.28	.29	.28	132	129	136	103	102	105
3612	Carbon and graphite products.....	.05	.05	.05	140	137	144	...	...	...
3613	Electrical measuring instruments.....	.14	.13	.14	204	199	209	...	...	...
3614	Motors and generators.....	.79	.81	.77	106	108	104	126	128	123
3615	Transformers.....	.27	.29	.25	153	152	153	153	152	153
3616	Electrical control apparatus.....	.51	.55	.47	138	138	138	143	143	143
3617	Electrical welding apparatus.....	.07	.06	.07	131	130	133	116	115	118
3619	Electrical industrial apparatus, n.e.c.**.....	.06	.06	.05	214	209	220	...	...	...
3621	Electrical appliances**.....	.30	.30	.30	154	155	154	134	134	133
3631	Insulated wire and cable**.....	.12	.12	.13	97	95	99	...	...	...
3641	Engine electrical equipment.....	.27	.27	.26	135	133	137	121	120	123
3651	Electric lamps (bulbs).....	.18	.19	.16	123	119	128	122	119	127
366	Communication equipment.....	1.65	1.55	1.78	235	216	255	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3661	Radios and related products.....	.94	.89	1.00	264	245	286	288	267	311
3662	Electronic tubes.....	.13	.14	.12	475	357	659	485	364	672
3663	Phonograph records.....	.08	.07	.10	100	92	107	35	32	37
3664	Telephone and telegraph equipment....	.44	.39	.50	136	136	136	143	143	143
3669	Communication equipment, n.e.c.....	.06	.06	.06	125	122	129	...	...	...
369	Electrical products, n.e.c.....	.33	.33	.33	101	100	102	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3691	Storage batteries.....	.14	.13	.15	105	105	104	104	105	105
3692	Primary batteries.....	.06	.06	.06	108	107	109	114	113	115
3693	X-ray and therapeutic apparatus.....	.06	.07	.05	88	87	88	57	57	57
3699	Electrical products, n.e.c.**.....	.07	.07	.07	98	96	101	...	...	...

See footnotes at end of table.



Table 2.--PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
37	Transportation equipment.....	7.87	8.04	7.68	189	182	197	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
371	Motor vehicles and equipment.....	5.20	5.40	4.97	124	123	126	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3713	Truck and bus bodies.....	.15	.14	.17	86	87	85	90	90	89
3715	Truck trailers.....	.09	.09	.08	141	139	144	...	...	...
3716	Automobile trailers.....	.06	.06	.07	127	124	130	129	128	133
3717	Motor vehicles and parts.....	4.90	5.11	4.65	125	124	128	128	126	130
372	Aircraft and parts.....	1.22	1.21	1.24	583	560	610	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3721	Aircraft.....	.79	.80	.79	479	453	518	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
3722	Aircraft engines.....	.31	.30	.33	520	519	521	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
3723	Aircraft propellers.....	.03	.03	.03	348	347	348	...	...	...
3729	Aircraft equipment, n.e.c.**.....	.09	.08	.09	1,828	1,825	1,833	...	...	...
373	Ships and boats.....	.74	.72	.76	114	116	113	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3731	Ship building and repairing.....	.66	.65	.67	114	115	112	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
3732	Boat building and repairing.....	.08	.07	.09	119	121	118	...	...	...
374	Railroad equipment.....	.59	.60	.59	60	59	63	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3741	Locomotives and parts.....	.19	.19	.20	97	94	100	82	80	85
3742	Railroad and street cars.....	.40	.41	.39	43	43	43	56	56	56
3751	Motorcycles and bicycles.....	.09	.08	.09	54	54	54	51	51	51
3799	Transportation equipment, n.e.c.**.....	.03	.03	.03	38	38	38	65	64	65
38	Instruments and related products.....	1.51	1.54	1.48	152	149	156	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3811	Scientific instruments**.....	.10	.10	.10	389	379	402	...	...	...
3821	Mechanical measuring instruments.....	.38	.41	.37	149	145	154	...	...	...
3831	Optical instruments and lenses.....	.04	.04	.04	227	221	234	...	...	...
384	Medical instruments and supplies.....	.26	.27	.25	109	108	111	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3841	Surgical and medical instruments.....	.04	.04	.04	118	117	120	...	...	...
3842	Surgical appliances and supplies.....	.16	.17	.15	112	111	114	...	...	...
3843	Dental equipment and supplies.....	.06	.06	.06	95	94	96	...	...	...
3851	Ophthalmic goods.....	.12	.12	.11	96	97	95	97	98	96
3861	Photographic equipment.....	.37	.37	.36	166	161	171	158	153	163
387	Watches and clocks.....	.24	.23	.25	98	96	100	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3871	Watches and clocks.....	.21	.20	.22	101	98	103	91	89	93
3872	Watchcases.....	.03	.03	.03	79	79	79	80	80	80
39	Miscellaneous manufactures.....	2.50	2.38	2.65	129	123	135	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
391	Jewelry and silverware.....	.37	.36	.39	90	89	91	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3911	Jewelry (precious metal).....	.16	.15	.18	106	106	106	105	105	105
3912	Jewelers' findings.....	.04	.04	.04	80	79	82	...	...	...
3913	Lapidary work.....	.01	.01	.01	95	93	96	...	...	...
3914	Silverware and plated ware.....	.16	.16	.16	75	75	76	68	67	68
393	Musical instruments and parts.....	.09	.08	.09	123	123	124	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3931	Pianos.....	.03	.03	.04	106	106	106	99	99	99
3932	Organs**.....	.01	( <sup>5</sup> )	.01	200	197	202	...	...	...
3933	Piano and organ parts.....	.02	.02	.01	152	150	155	...	...	...
3939	Musical instruments, n.e.c.....	.03	.03	.03	113	113	113	101	101	101
394	Toys and sporting goods.....	.35	.32	.38	163	159	166	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3941	Games and toys, n.e.c.....	.12	.11	.13	208	207	209	212	212	213
3942	Dolls.....	.05	.04	.05	178	177	180	182	181	183
3943	Children's vehicles.....	.05	.04	.06	100	90	110	129	116	141
3949	Sporting and athletic goods.....	.13	.13	.14	139	136	143	138	135	142
395	Office supplies.....	.19	.18	.21	130	119	141	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3951	Pens and mechanical pencils.....	.10	.09	.12	126	104	145	124	102	143
3952	Lead pencils and crayons.....	.03	.03	.03	104	104	104	96	96	95
3953	Hand stamps and stencils.....	.02	.03	.02	148	146	150	...	...	...
3954	Artists' materials.....	.01	.01	.01	151	150	154	...	...	...
3955	Carbon paper and inked ribbons.....	.03	.02	.03	151	151	151	167	167	168
396	Costume jewelry and notions.....	.31	.28	.34	126	124	129	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
3961	Costume jewelry.....	.13	.12	.14	120	118	122	...	...	...
3962	Artificial flowers.....	.03	.03	.03	108	107	110	...	...	...
3963	Buttons.....	.04	.04	.04	113	113	113	116	116	115
3964	Needles, pins, and fasteners.....	.11	.09	.13	143	140	146	125	122	128
3971	Plastic products, n.e.c.....	.30	.27	.34	254	236	272	...	...	...

See footnotes at end of table.

Table 2.--PRODUCTION INDEXES AND WEIGHTS FOR MANUFACTURING INDUSTRIES: 1954--Continued

(1947 = 100)

Code	Industry group and industry	Proportions in 1947 based on unit values in <sup>1</sup> --			Production indexes: 1954 (1947 = 100)					
		1954 and 1947	1954	1947	Industry <sup>2</sup> indexes based on--			Product <sup>2</sup> indexes based on--		
					Cross weights	1954 weights	1947 weights	Cross weights	1954 weights	1947 weights
398	Miscellaneous manufactures.....	.81	.81	.81	100	99	102	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
399										
3981		.12	.12	.11	82	82	82	84	83	84
3982		.02	.02	.02	113	112	115	...	...	...
3983		.04	.04	.04	95	92	98	96	93	99
3984		.01	.01	.01	139	138	142	...	...	...
3985		.01	.01	.01	122	120	123	...	...	...
3986		.03	.03	.03	128	126	130	...	...	...
3987		.02	.02	.02	120	119	122	...	...	...
3988		.12	.12	.12	86	84	88	96	94	98
3991		.02	.02	.02	69	68	70	...	...	...
3992		.06	.06	.06	47	46	47	...	...	...
3993		.16	.16	.17	147	145	149	...	...	...
3994		.01	.01	.01	143	142	145	...	...	...
3995		.02	.02	.02	78	78	80	...	...	...
3996		.02	.02	.02	47	46	47	...	...	...
3997		.02	.02	.02	54	53	55	...	...	...
3999		.13	.13	.13	100	99	102	...	...	...
	Estimated undercoverage.....	.08	.08	.09	...	...	...	...	...	...
19	Ordinance and accessories.....	.11	.10	.11	1,704	1,704	1,704	...	...	...

\*Value of primary product shipments by the plants classified in this industry is less than 75 percent of their total shipments of all products, both primary and secondary. This primary product "specialization" ratio is shown for all industries in Appendix B.

\*\*Value of primary product shipments by the plants classified in this industry is less than 75 percent of the total shipments of these primary products by all industries. This "coverage" ratio is shown for all industries in Appendix B, Industry Coverage and Specialization Ratios.

<sup>1</sup>Represents the proportion or weight of each industry and industry group in the 1947 total value added by manufacture for all industries as measured, respectively, in average 1947 and 1954 prices, 1954 prices, and 1947 prices. This is equivalent in effect to (a) valuing the 1947 production of each industry, respectively, in terms of average 1947 and 1954 value added per unit, 1954 value added per unit, and 1947 value added per unit; (b) summing these values added to industry group levels; and (c) expressing them as proportions of the total for all manufacturing industries. (See Chapter 4.)

For each major group in which a post-census field study indicated undercoverage in 1947, an estimate of such undercoverage at this level was made in terms of value added by manufacture. The undercoverage in individual industries could not be estimated.

<sup>2</sup>"Industry indexes" and "Product indexes" were designated in previous publications of benchmark production indexes as "adjusted" and "unadjusted" indexes, respectively.

The indexes shown in italics are considered to be of doubtful reliability, and are of three kinds:

- Indexes of the industry type that were estimated for "indirectly represented" industries (i.e., industries for which indexes could not be constructed directly from physical quantity data). These indexes were calculated by deflating the change between 1947 and 1954 in the value of shipments of each industry. In most cases, the deflator was based on the 1954 price index calculated for the "directly represented" industries in its major group taken as a whole. In a few cases, a more selective procedure was used in choosing a deflator; and in the "Instruments and Related Products" and "Miscellaneous Manufactures" industry groups some use was made of price indexes for several industry groups combined and for all manufacturing. Product-type indexes were not constructed for these industries.
- Indexes of the product type based on physical quantity data amounting in all to less than 40 percent of the total value of the given industry's primary products shipped by all industries. The corresponding industry-type indexes are also shown in italics.
- Indexes considered to be unreliable because of special conditions for which suitable adjustments could not be made in the data at hand.

The industries under these three headings are as follows:

Indirectly represented industries										Industries with less than 40 percent product coverage			Other industries with unreliable indexes		
2034	2389	2444	2694	2792	3269	3468	3594	3729	3932	3986	2423	3443	3555	1900	2411
2216	2393	2491	2732	2793	3281	3471	3599	3732	3933	3987	2425	3463	3568	2015	2563
2259	2394	2493	2741	2794	3295	3495	3612	3811	3953	3991	2865	3492	3571	2026	2826
2283	2395	2499	2751	2831	3298	3499	3613	3821	3954	3992	2899	3497	3579	2027	3664
2292	2396	2519	2761	2833	3299	3553	3619	3831	3961	3993	2951	3519	3611	2036	3693
2312	2397	2531	2771	2834	3359	3554	3631	3841	3962	3994	2999	3542	3713	2037	3721
2326	2398	2532	2781	2889	3444	3559	3669	3842	3971	3995	3192	3544	3716	2392	3722
2338	2431	2541	2782	3121	3461	3562	3699	3843	3982	3996	3229	3545	3799		3731
2351	2441	2562	2783	3199	3465	3564	3715	3912	3984	3997	3293	3551	3943		
2371	2442	2591	2789	3264	3466	3569	3723	3913	3985	3999	3422	3552	3949		
2385	2443	2599	2791	3265	3467	3592									

<sup>3</sup>Product-type indexes were not calculated for all manufacturing, major industry groups (2-digit), industry groups (3-digit), or indirectly represented industries (i.e., those for which indexes could not be constructed directly from physical quantity data.)

<sup>4</sup>For some of the industries for which product-type indexes could not be constructed owing to the lack of adequate physical quantity data, it was nevertheless possible to calculate industry indexes directly rather than treat them as indirectly represented industries. These industries are listed below, and the methods used for calculating their indexes are described in Chapter 6.

Industry	Industry
2026	3721
2027	3722
2411	3731
2711	

<sup>5</sup>Less than .005 percent.

<sup>6</sup>Includes data for Government-owned plants operated by private firms for the account of the Federal Government but excludes the activities of Government owned and/or operated plants.







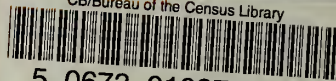








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